CH

.1354

Columbia County New Building Permit Application

For Office Use Only Application # 44391 Date Received 1/22 By JW Permit # 39353

Zoning Official LW/CH Date 1-28-20 Flood Zone X Land Use Ag Zoning A-3

FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner J.C. Date 1-30-20

Comments Ref: STUP 2001-06 Existing

☑ NOC ☑ EH ☐ Deed or PA ☑ Site Plan ☐ State Road Info ☑ Well letter ☑ 911 Sheet ☐ Parent Parcel # _____

☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter ☒ Roofing

☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☑ App Fee Paid ☑ Sub VF Form

Septic Permit No. 20-0104 OR City Water ☐ Fax 386 961-9539

Applicant (Who will sign/pickup the permit) Matthew Cummings Phone 386 755 3139

Address 319 SW Solstice Ct Lake City FL 32024

Owners Name Travis Cletkhitney McFatter Phone 386 365.7851

911 Address 285 Outlaw Country Gln NW Lake City FL 32055

Contractors Name MATTHEW Cummings Phone 386 755 3139

Address 319 SW Solstice Ct Lake City FL 32024

Contractor Email littleawilliam@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address NICK P. GEISLER, AR 1758 SW Brown Rd Lake City FL 32055

Mortgage Lenders Name & Address Campus USA 14007 NW 1st Rd Jonesville FL 32669

Circle the correct power company ☑ FL Power & Light ☐ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 36-2S-16-01895-001 Estimated Construction Cost 279,022.00

Subdivision Name N/A Lot ____ Block ____ Unit ____ Phase ____

Driving Directions from a Major Road 41 N to Falling Creek Rd. Right on NW Outlaw Country Gln. 180 driveway on left.

SFD SCANNED

Construction of ☐ Commercial OR ☑ Residential

Proposed Use/Occupancy Residential * Number of Existing Dwellings on Property 1

Is the Building Fire Sprinkled? No If Yes, blueprints included _____ Or Explain _____

Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☒ Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 130' Side 50' Side 300' Rear 250'

See SITE PLAN

Number of Stories 1 Heated Floor Area 2509 Total Floor Area 3684 Acreage 3.15

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

Matt is aware of what is needed 1.30.20 Sent email 2.4.20 2.25.20

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Travis McFatter
Print Owners Name

Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Matthew R Cumbie
Contractor's Signature

Contractor's License Number CBC1259800
Columbia County Competency Card Number 1459

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30th **day of** January **20**20.

Personally known [X] **or Produced Identification** _____

Amelia J Creamer
State of Florida Notary Signature (For the Contractor)

SEAL:

Amelia J. Creamer
State of Florida
My Commission Expires 03/10/2021
Commission No. GG 74209

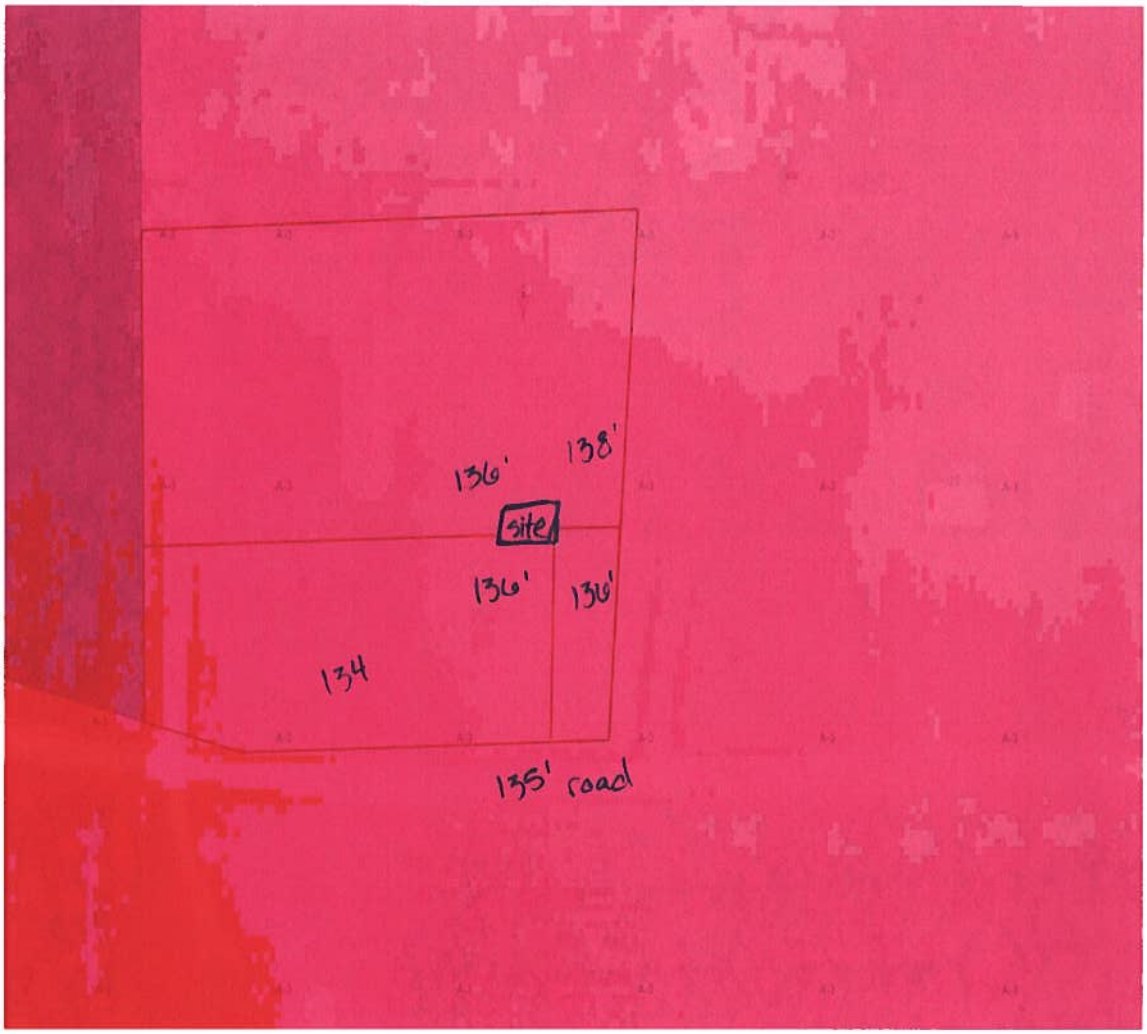
Addresses

Parcels

SRWMD Wetlands

LidarElevations

Printed: Fri Jan 24 2020 11:42:09 GMT-0500 (Eastern Standard Time)



Parcel Information

Parcel No: 36-2S-16-01895-001

Owner: KING BETTY LOIS

Subdivision:

Lot:

Acres: 2.96504736

Deed Acres: 3.15 Ac

District: District 1 Ronald Williams

Future Land Uses: Agriculture - 3

Flood Zones:

Official Zoning Atlas: A-3, PRRD

DevZones1

- others
- A-1
- A-2
- A-3
- CG
- CHI

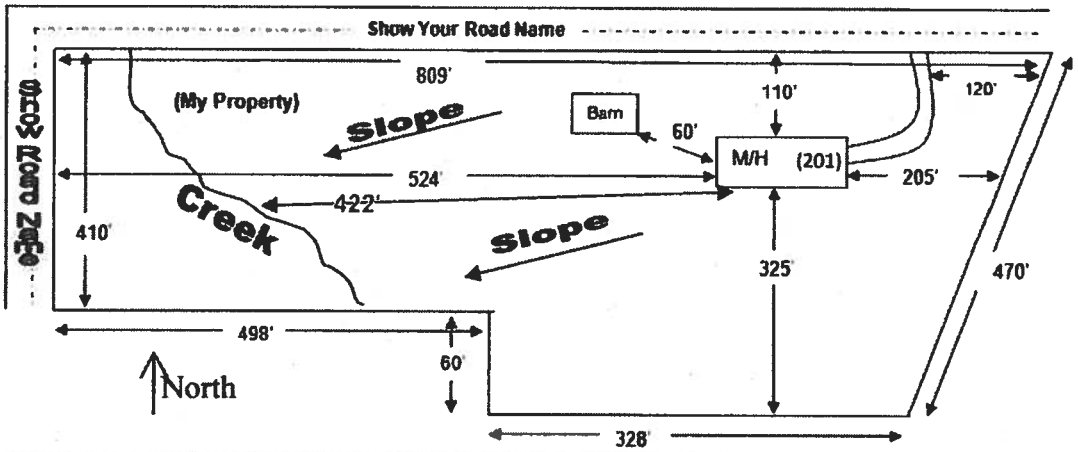
SITE PLAN CHECKLIST

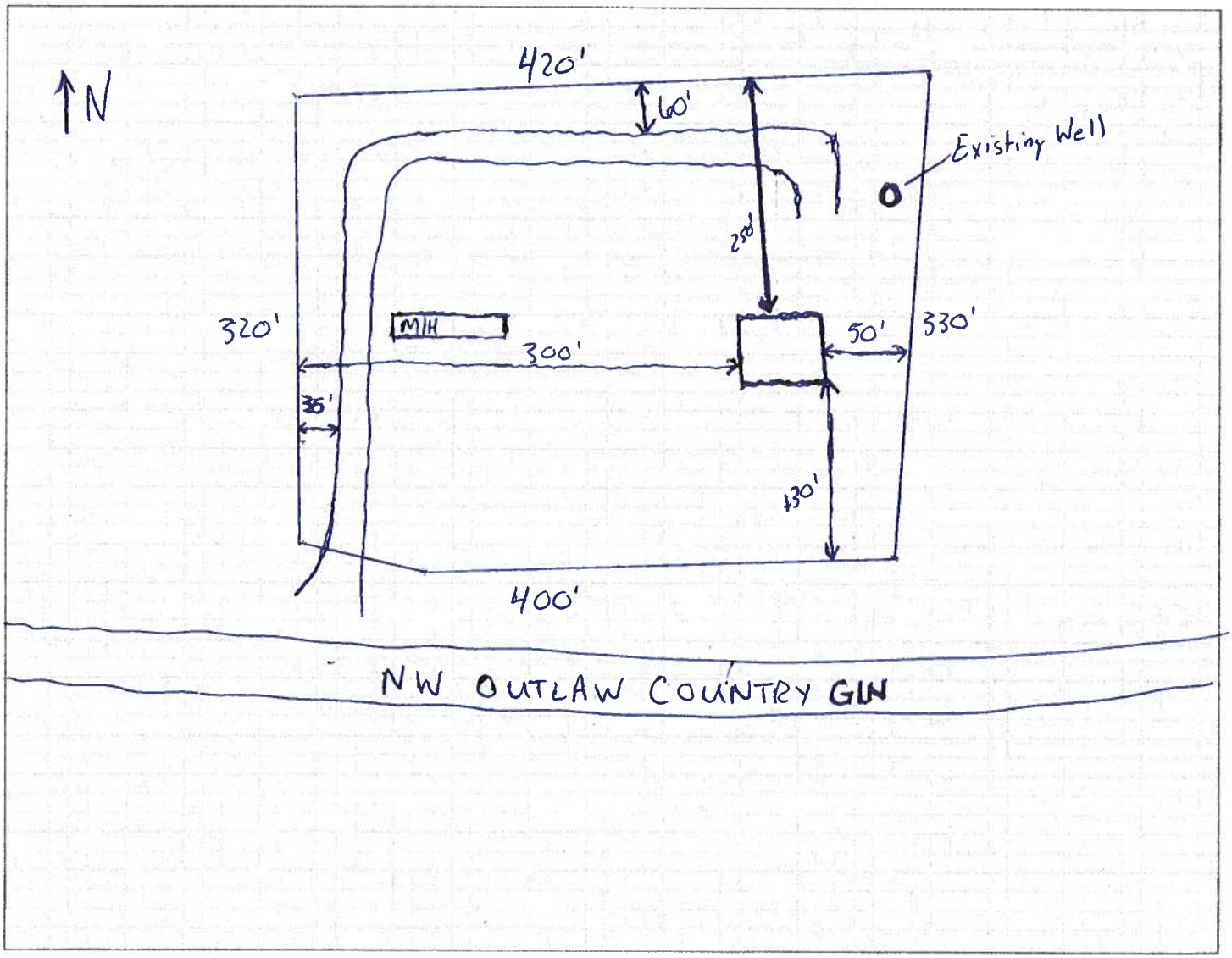
___1) Property Dimensions
___2) Footprint of proposed and existing structures (including decks), label these with existing addresses
___3) Distance from structures to all property lines
___4) Location and size of easements
___5) Driveway path and distance at the entrance to the nearest property line
___6) Location and distance from any waters; sink holes; wetlands; and etc.
___7) Show slopes and or drainage paths
___8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15

NOTE:
This site plan can be copied and used with the 911 Addressing Dept. application forms.





Columbia County Property Appraiser

Jeff Hampton

2020 Working Values
updated: 1/6/2020

Parcel: << **36-2S-16-01895-001** >>

Aerial Viewer | Pictometery | Google Maps

Owner & Property Info

Result: 1 of 1

Owner	MCFATTER TRAVIS C & WHITNEY A 207 NW OUTLAW COUNTRY GLN LAKE CITY, FL 32055		
Site	207 OUTLAW COUNTRY GLN, LAKE CITY		
Description*	COMM 465.73 FT N OF SW COR OF SE1/4 OF SE1/4 FOR POB, RUN E E 624.30 FT, N 320.86 FT, W 624.20 FT, S 339 FT TO POB. 517-503, 604-534, 619-406, 777 -853, 817-1351, 888-191, LE 1146-1510, LE 1147-1925, WD 1147-1926, WD 1149-1117, QC 1150-1951, QC 1152-977,97 ...more>>>		
Area	3.15 AC	S/T/R	36-2S-16
Use Code**	MOBILE HOM (000200)	Tax District	3

*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.
**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (4)	$22,033	Mkt Land (4)	$22,033
Ag Land (0)	$0	Ag Land (0)	$0
Building (0)	$0	Building (1)	$6,924
XFOB (4)	$2,329	XFOB (4)	$2,329
Just	$24,362	Just	$31,286
Class	$0	Class	$0
Appraised	$24,362	Appraised	$31,286
SOH Cap [?]	$0	SOH Cap [?]	$0
Assessed	$24,362	Assessed	$31,286
Exempt	$0	Exempt	$0
Total Taxable	county:$24,362 city:$24,362 other:$24,362 school:$24,362	Total Taxable	county:$31,286 city:$31,286 other:$31,286 school:$31,286

Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
8/24/2018	$130,000	1367/1408	WD	I	Q	05 (Multi-Parcel Sale) - show
4/4/2017	$100	1334/0088	QC	I	U	11
4/9/2008	$100	1147/1926	WD	I	U	03
4/9/2008	$100	1147/1925	WD	I	U	03
3/26/2008	$100	1146/1510	WD	I	U	03
2/14/1996	$0	817/1351	U	I	Q	02
3/6/1987	$30,000	619/0406	WD	I	U	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	4	MOBILE HME (000800)	1993	784	784	$6,924

*Bldg Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0296	SHED METAL	1996	$729.00	1.000	0 x 0 x 0	(000.00)
0070	CARPORT UF	2008	$200.00	1.000	0 x 0 x 0	(000.00)
0166	CONC,PAVMT	2018	$200.00	1.000	0 x 0 x 0	(000.00)
0296	SHED METAL	2018	$1,200.00	1.000	0 x 0 x 0	(000.00)

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000200	MBL HM (MKT)	2.150 AC	1.00/1.00 1.00/1.00	$5,566	$11,967
009945	WELL/SEPT (MKT)	1.000 UT - (0.000 AC)	1.00/1.00 1.00/1.00	$3,250	$3,250
009947	SEPTIC (MKT)	1.000 UT - (0.000 AC)	1.00/1.00 1.00/1.00	$1,250	$1,250
000200	MBL HM (MKT)	1.000 AC	1.00/1.00 1.00/1.00	$5,566	$5,566

Search Result: 1 of 1

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 44391 JOB NAME Mcfatter Residence

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

NOTE: *It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.*
Use website to confirm licenses: http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

		Need
ELECTRICAL ☐ CC#	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Lic Liab W/C EX DE
MECHANICAL/ A/C ☐ CC#	Print Name _____ Signature _____ Company Name: DL Williams Heating & Cooling License #: 000013 Phone #: 386-754-1987	Lic Liab W/C EX DE
PLUMBING/ GAS ☑ CC# 715	Print Name Cody R Barrs Signature Cody Company Name: Barrs Plumbing License #: CFC 1427145 Phone #: 386-752-8656	Lic Liab W/C EX DE
ROOFING ☑ CC# 1459	Print Name _____ Signature Matthew R Cummings Company Name: Little & Williams Inc License #: _____ Phone #: 386. 755. 3139	Lic Liab W/C EX DE
SHEET METAL ☐ CC#	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Lic Liab W/C EX DE
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name _____ Signature _____ Company Name: _____ License#: _____ Phone #: _____	Lic Liab W/C EX DE
SOLAR ☐ CC#	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Lic Liab W/C EX DE
ATE SPECIALTY ☐ CC#	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Lic Liab W/C EX DE

Ref: F.S. 440.103; ORD. 2016-30

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		Need
ELECTRICAL ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License #: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
MECHANICAL/ A/C ☑ CC# 13	Print Name ____ Signature D L W Company Name: DL Williams Heating & Cooling License #: CAC1816913 Phone #: 386-754-1987	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
PLUMBING/ GAS ☐ CC#	Print Name ____ Signature ____ Company Name: Barrs Plumbing License #: 000714 Phone #: 386-752-8656	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
ROOFING ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License #: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SHEET METAL ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License #: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License#: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SOLAR ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License #: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
STATE SPECIALTY ☐ CC#	Print Name ____ Signature ____ Company Name: ____ License #: ____ Phone #: ____	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE

Ref: F.S. 440.103; ORD. 2016-30

SUBCONTRACTOR VERIFICATION

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Use website to confirm licenses: http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx

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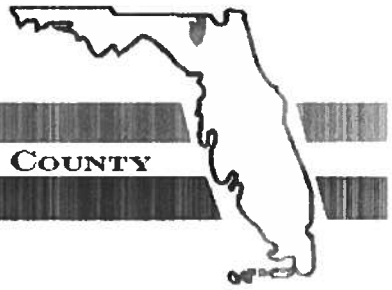
		Need
ELECTRICAL ☑ CC# 2268	Print Name James Raymond Brandon Higgins III Signature James Raymond Brandon Higgins III Company Name: Riverbend Electric Co. LLC License #: EC13009488 Phone #: 478-447-2778	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
MECHANICAL/ A/C ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
PLUMBING/ GAS ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
ROOFING ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SHEET METAL ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name Signature Company Name: License#: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SOLAR ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
STATE SPECIALTY ☐ CC#	Print Name Signature Company Name: License #: Phone #:	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE

Ref: F.S. 440.103; ORD. 2016-30

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY



Address Assignment and Maintenance Document

To maintain the county wide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for addressing and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Services Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County

Date/Time Issued:	**2/3/2020 6:37:18 PM**
Address:	**285 NW OUTLAW COUNTRY Gln**
City:	**LAKE CITY**
State:	**FL**
Zip Code	**32055**
Parcel ID	**01895-001**

REMARKS: Address Verification.

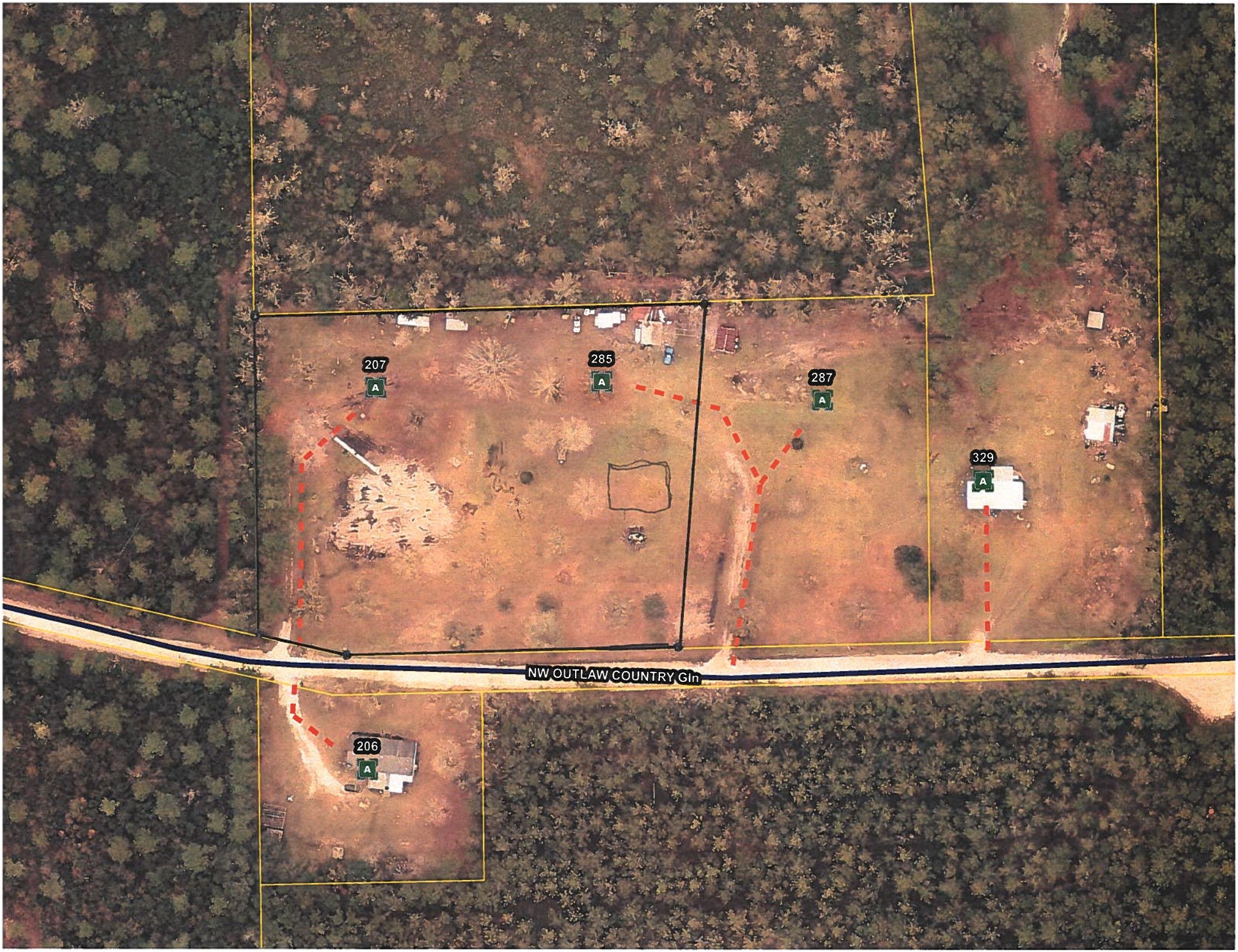
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION AND ACCESS INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION AND/OR ACCESS INFORMATION BE FOUND TO BE IN ERROR OR CHANGED, THIS ADDRESS IS SUBJECT TO CHANGE.

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com


207
A
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NW OUTLAW COUNTRY Gln
206
A

Inst: 202012002455 Date: 01/30/2020 Time: 3:42PM
Page 1 of 2 B: 1404 P: 1654, P.DeWitt Cason, Clerk of Court
Columbia, County, By: PT
Deputy Clerk

AFFIDAVIT AND AGREEMENT OF SPECIAL TEMPORARY USE FOR IMMEDIATE FAMILY MEMBERS FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared, Whitney A. McCotter, the Owner of the parcel which is being used to place an additional dwelling (mobile home) as a primary residence for a family member of the Owner, Karen Pruitt, the Family Member of the Owner, and who intends to place a mobile home as the family member's primary residence as a temporarily use. The Family Member is related to the Owner as Parent, and both individuals being first duly sworn according to law, depose and say:

1. Family member is defined as parent, grandparent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.

2. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit and Agreement.

3. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference with the Columbia County Property Appraiser Tax Parcel No. 01895-001.

4. No person or entity other than the Owner claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.

5. This Affidavit and Agreement is made for the specific purpose of inducing Columbia County to issue a Special Temporary Use Permit for a Family Member on the parcel per the Columbia County Land Development Regulations. This Special Temporary Use Permit is valid for 5 year(s) as of date of issuance of the mobile home move-on permit, then the Family Member shall comply with the Columbia County Land Development Regulations as amended.

6. This Special Temporary Use Permit on Parcel No. 01895-001 is a "one time only" provision and becomes null and void if used by any other family member or person other than the named Family Member listed above. The Special Temporary Use Permit is to allow the named Family Member above to place a mobile home on the property for his primary residence only. In addition, if the Family Member listed above moves away, the mobile home shall be removed from the property within 60 days of the Family Member departure or the mobile home is found to be in violation of the Columbia County Land Development Regulations.

7. The site location of mobile home on property and compliance with all other conditions not conflicting with this section for permitting as set forth in these land development regulations. Mobile homes shall not be located within required yard setback areas and shall not be located within twenty (20) feet of any other building.

8. The parent parcel owner shall be responsible for non ad-valorem assessments.

9. Inspection with right of entry onto the property, but not into the mobile home by the County to verify compliance with this section shall be permitted by owner and family member. The Land Development Regulation Administrator, and other authorized representatives are hereby authorized to make such inspections and take such actions as may be required to enforce the provisions of this Section.

10. The mobile home shall be hooked up to appropriate electrical service, potable well and sanitary sewer facilities (bathroom and septic tank) that have been installed pursuant to permits issued by the Health Department and County Building and Zoning Department, where required.

11. Recreational vehicles (RV's) as defined by these land development regulations are not allowed under this provision (see Section 14.10.2#10).

12. Upon expiration of permit, the mobile home shall be removed from the property within six (6) months of the date of expiration, unless extended as herein provided by Section 14.10.2 (#7).

13. This Affidavit and Agreement is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the facts represented by us in this Affidavit are true and correct and we accept the terms of the Agreement and agree to comply with it.

Owner

Family Member

Whitney A. McFatter
Typed or Printed Name

Karen Pruitt
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 30th day of Jan, 2020, by Whitney A McFatter (Owner) who is personally known to me or has produced FLDL as identification.

Notary Public

ROSE M. JOHNSON
MY COMMISSION # GG 163928
EXPIRES: November 29, 2021
Bonded Thru Notary Public Underwriters

Subscribed and sworn to (or affirmed) before me this 30 day of Jan, 2020 by Karen Pruitt (Family Member) who is personally known to me or has produced FLDL as identification.

FLDL

Notary Public

ROSE M. JOHNSON
MY COMMISSION # GG 163928
EXPIRES: November 29, 2021
Bonded Thru Notary Public Underwriters

COLUMBIA COUNTY, FLORIDA

By:
Name: Liza Williams
Title: Planning Technician

ZONING DEPARTMENT
COLUMBIA COUNTY
GATEWAY TO FLORIDA
APPROVED

New Columbia

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 20-0104
DATE PAID: 2/11/20
FEE PAID: 310.00
RECEIPT #: 1467456

APPLICATION FOR:
[V] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ]

APPLICANT: Travis McFatter

AGENT: Robert W Ford JR NFST INC. TELEPHONE: 386 755-6372

MAILING ADDRESS: 741 SE State Rd 100 LC FLA 32025

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: — BLOCK: — SUBDIVISION: -NA-

PROPERTY ID #: 30-2S-16-01895-004 ZONING: S.F I/M OR EQUIVALENT: [Y / N] PLATTED:

PROPERTY SIZE: 1.16 ACRES WATER SUPPLY: [/] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / N] DISTANCE TO SEWER: FT

PROPERTY ADDRESS: 287 Outlaw Country Gln (NW)

DIRECTIONS TO PROPERTY: 41N, (R) NW Falling Creek, (R) NW Outlaw Country Gln, 287 on (L)

BUILDING INFORMATION [/] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	New home	3	2509	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify)

SIGNATURE: Robert W Ford Jr DATE: 02/03/2020

RECEIVED
FEB 10 2020
By EH

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

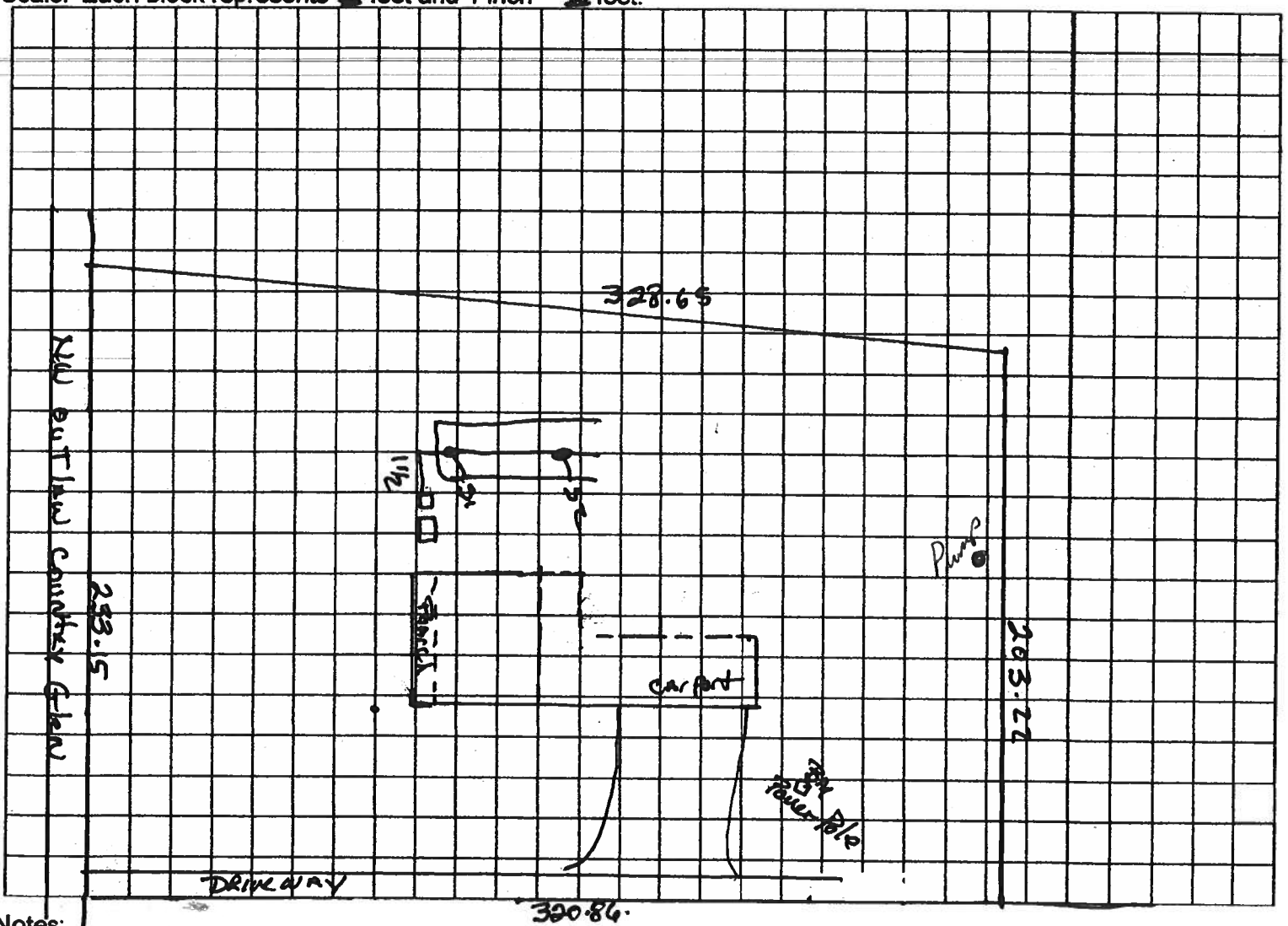
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 20-0104

McFather

PART II - SITEPLAN

Scale: Each block represents 15' feet and 1 inch = 60' feet.



Notes:

Site Plan submitted by: Robert W Ford Jr. DATE 12/3/2020

Plan Approved X Not Approved ____ Date 12/3/20

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Inst. Number: 201912028175 Book: 1400 Page: 1026 Page 1 of 4 Date: 12/4/2019 Time: 10:22 AM
P.DeWitt Cason Clerk of Courts, Columbia County, Florida Doc Mort: 0.00 Int Tax: 0.00 Doc Deed: 0.00

This Instrument Prepared By:
Campus USA Credit Union
14007 NW 1st Road
Jonesville, Florida 32669
(352)335-9090

After Recording Return To:
CAMPUS USA CREDIT UNION
14007 NW 1ST ROAD
JONESVILLE, FLORIDA 32669

[Space Above This Line For Recording Data]

Permit No.: _____ Tax Folio No.: R01895 001

NOTICE OF COMMENCEMENT

STATE OF FLORIDA

COUNTY OF Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: 207 NW OUTLAW COUNTRY GLEN, LAKE CITY, FLORIDA 32055 PARCEL ONE: COMMENCE AT THE SW CORNER OF THE SE 1/4 OF SE 1/4, SECTION 36, TOWNSHIP 2 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE N 0003'15" E, ALONG THE WEST LINE OF SAID SE 1/4 OF SE 1/4, 497.43 FEET TO THE NORTH COUNTY MAINTAINED RIGHT OF WAY LINE OF NW OUTLAW COUNTRY GLEN AND TO THE POINT OF BEGINNING THENCE CONTINUE N 0003'15" E, ALONG SAID WEST LINE, 312.22 FEET THENCE S 8933'42" E, 624.25 FEET THENCE S 0001'10" W, 317.94 FEET TO THE AFORESAID NORTH COUNTY MAINTAINED RIGHT OF WAY LINE OF NW OUTLAW COUNTRY GLEN THENCE S 8815'25' W, ALONG SAID NORTH COUNTY MAINTAINED RIGHT OF WAY LINE, 365.31 FEET THENCE N

2. General description of improvement: Single Family Residence

3. Owner information or Lessee information if the Lessee contracted for the improvement:

   a. Name and address: TRAVIS C MCFATTER, WHITNEY A MCFATTER
   207 NW OUTLAW COUNTRY GLEN
   LAKE CITY, FLORIDA 32055

b. Interest in property: _____

c. Name and address of fee simple title holder (if other than Owner): _____

4. a. Contractor (name and address): LITTLE & WILLIAMS, INC
319 SW SOLSTICE COURT
LAKE CITY, FLORIDA 32024

b. Contractor's phone number: _____

5. Surety (if applicable, a copy of the payment bond is attached):

a. Name and address: _____

b. Phone Number: _____

c. Amount of bond: _____

6. a. Lender: CAMPUS USA CREDIT UNION
14007 NW 1ST ROAD
JONESVILLE, FLORIDA 32669

b. Lenders phone number: (352)335-9090

7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7, Florida Statutes:

a. Name and address: _____

b. Phone numbers of designated persons: _____

8. a. In addition to himself, Owner designates _____
of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statues.

b. Phone number of person or entity designated by owner: _____

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

11/27/19

Signature of Owner/Lessee TRAVIS C Date
MCFATTER

11/27/19

Signature of Owner/Lessee WHITNEY A Date
MCFATTER

[Space Below This Line For Acknowledgment]

The foregoing instrument was acknowledged before me this 27th day of NOVEMBER, 2019

by TRAVIS C MCFATTER AND WHITNEY A MCFATTER

who is personally known to me or who has produced Driver's License

as identification. (Type of Identification)

Notary Public State of Florida
Robert S Stewart
My Commission GG 128943
Expires 09/28/2021

(Seal)

Signature

Robert S. Stewart
Name of Notary

Closer
Title

Serial Number, if any

Verification Pursuant to Section 892.525, Florida Statutes

UNDER PENALTIES OF PERJURY, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Borrower TRAVIS C MCFATTER 11/27/19 Date

Borrower WHITNEY A MCFATTER 11/27/19 Date

Load Short Form
Entire House

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	10	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref.	n/a

Efficiency	n/a	
Heating input		
Heating output	0	Btuh
Temperature rise	0	°F
Actual air flow	0	cfm
Air flow factor	0	cfm/Btuh
Static pressure	0	in H2O
Space thermostat	n/a	

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref.	n/a

Efficiency	n/a	
Sensible cooling	0	Btuh
Latent cooling	0	Btuh
Total cooling	0	Btuh
Actual air flow	0	cfm
Air flow factor	0	cfm/Btuh
Static pressure	0	in H2O
Load sensible heat ratio	0	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
ah1	1609	24605	26622	1232	1232
ah2	790	9784	11148	513	513
Entire House	2399	34389	37295	1745	2036
Other equip loads		0	0		
Equip. @ 0.97 RSM			36176		
Latent cooling			4893		
TOTALS	2399	34389	41069	1745	2036

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Load Short Form

ah1

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	10	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	Generic
Trade	
Model	SEER 14.0, HSPF 8.1
AHRI ref	

Efficiency	8.1 HSPF	
Heating input		
Heating output	36787	Btuh @ 47°F
Temperature rise	27	°F
Actual air flow	1232	cfm
Air flow factor	0.050	cfm/Btuh
Static pressure	0.50	in H2O
Space thermostat		

Capacity balance point = 17 °F

Backup:
Input = 7 kW, Output = 24077 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	Generic
Trade	
Cond	SEER 14.0, HSPF 8.1
Coil	
AHRI ref	

Efficiency	12.2 EER, 14 SEER	
Sensible cooling	25880	Btuh
Latent cooling	11091	Btuh
Total cooling	36971	Btuh
Actual air flow	1232	cfm
Air flow factor	0.046	cfm/Btuh
Static pressure	0.50	in H2O
Load sensible heat ratio	0.89	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
(Rest of House)	1609	24605	30636	1232	1418
ah1	1609	24605	26622	1232	1232
Other equip loads		0	0		
Equip. @ 0.97 RSM			25823		
Latent cooling			3269		
TOTALS	1609	24605	29092	1232	1232

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Load Short Form

ah2

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	10	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	Generic
Trade	
Model	SEER 14.0, HSPF 8.1
AHRI ref	

Efficiency	8.1 HSPF	
Heating input		
Heating output	15316	Btuh @ 47°F
Temperature rise	27	°F
Actual air flow	513	cfm
Air flow factor	0.052	cfm/Btuh
Static pressure	0.50	in H2O
Space thermostat		

Capacity balance point = 16 °F

Backup:
Input = 3 kW, Output = 9769 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	Generic
Trade	
Cond	SEER 14.0, HSPF 8.1
Coil	
AHRI ref	

Efficiency	12.2 EER, 14 SEER	
Sensible cooling	10775	Btuh
Latent cooling	4618	Btuh
Total cooling	15393	Btuh
Actual air flow	513	cfm
Air flow factor	0.046	cfm/Btuh
Static pressure	0.50	in H2O
Load sensible heat ratio	0.87	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
floor2	790	9784	13419	513	618
ah2	790	9784	11148	513	513
Other equip loads		0	0		
Equip. @ 0.97 RSM			10814		
Latent cooling			1624		
TOTALS	790	9784	12438	513	513

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Load Short Form
(Rest of House)

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	10	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
great	462	6929	10365	347	480
kit	342	6855	9559	343	443
utility	142	2349	2614	118	121
wic1	71	1170	980	59	45
wic2	63	53	96	3	4
toilet	18	33	65	2	3
mbath	99	1558	1243	78	58
pantry	28	50	100	2	5
powder	28	25	20	1	1
stor	12	0	0	0	0
stair	30	0	0	0	0
storage	24	225	134	11	6
mbed	290	5358	5459	268	253

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

(Rest of House)	1609	24605	30636	1232	1418
Other equip loads		0	0		
Equip. @ 0.97 RSM			29717		
Latent cooling			3269		
TOTALS	1609	24605	32986	1232	1418

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Load Short Form

floor2

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	10	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a

Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a

Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
wic3	54	728	395	38	18
wic4	66	832	458	44	21
br3	182	2470	3580	130	165
br2	182	2470	3836	130	177
open	25	584	1107	31	51
bath	82	423	307	22	14
loft	199	2278	3737	119	172

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

floor2	790	9784	13419	513	618
Other equip loads		0	0		
Equip. @ 0.97 RSM			13017		
Latent cooling			1624		
TOTALS	790	9784	14640	513	618

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary
Entire House
D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Notes:

Design Information

Weather: Gainesville Regional AP, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	47 gr/lb

Heating Summary

Structure	26074 Btuh
Ducts	8314 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	34389 Btuh

Sensible Cooling Equipment Load Sizing

Structure	27012 Btuh
Ducts	10282 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	36176 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2399	2399
Volume (ft³)	19575	19575
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	104	52

Latent Cooling Equipment Load Sizing

Structure	2673 Btuh
Ducts	2220 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	4893 Btuh
Equipment Total Load (Sen+Lat)	41069 Btuh
Req. total capacity at 0.70 SHR	4.3 ton

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	n/a

Cooling Equipment Summary

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary

ah1

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Notes:

Design Information

Weather: Gainesville Regional AP, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	47 gr/lb

Heating Summary

Structure	18236 Btuh
Ducts	6369 Btuh
Central vent (0 cfm) (none)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	24605 Btuh

Sensible Cooling Equipment Load Sizing

Structure	18657 Btuh
Ducts	7965 Btuh
Central vent (0 cfm) (none)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	25823 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1609	1609
Volume (ft³)	13255	13255
Air changes/hour	0.27	0.13
Equiv. AVF (cfm)	59	30

Latent Cooling Equipment Load Sizing

Structure	1546 Btuh
Ducts	1723 Btuh
Central vent (0 cfm) (none)	0 Btuh
Equipment latent load	3269 Btuh
Equipment Total Load (Sen+Lat)	29092 Btuh
Req. total capacity at 0.70 SHR	3.1 ton

Heating Equipment Summary

Make	Generic
Trade	
Model	SEER 14.0, HSPF 8.1
AHRI ref	
Efficiency	8.1 HSPF
Heating input	
Heating output	36787 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	1232 cfm
Air flow factor	0.050 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Capacity balance point = 17 °F

Backup:
Input = 7 kW, Output = 24077 Btuh, 100 AFUE

Cooling Equipment Summary

Make	Generic
Trade	
Cond	SEER 14.0, HSPF 8.1
Coil	
AHRI ref	
Efficiency	12.2 EER, 14 SEER
Sensible cooling	25880 Btuh
Latent cooling	11091 Btuh
Total cooling	36971 Btuh
Actual air flow	1232 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.89

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary

ah2

D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Notes:

Design Information

Weather: Gainesville Regional AP, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	47 gr/lb

Heating Summary

Structure	7839 Btuh
Ducts	1945 Btuh
Central vent (0 cfm) (none)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	9784 Btuh

Sensible Cooling Equipment Load Sizing

Structure	8699 Btuh
Ducts	2449 Btuh
Central vent (0 cfm) (none)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	10814 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	790	790
Volume (ft³)	6320	6320
Air changes/hour	0.43	0.22
Equiv. AVF (cfm)	45	23

Latent Cooling Equipment Load Sizing

Structure	1127 Btuh
Ducts	497 Btuh
Central vent (0 cfm) (none)	0 Btuh
Equipment latent load	1624 Btuh
Equipment Total Load (Sen+Lat)	12438 Btuh
Req. total capacity at 0.70 SHR	1.3 ton

Heating Equipment Summary

Make	Generic
Trade	
Model	SEER 14.0, HSPF 8.1
AHRI ref	
Efficiency	8.1 HSPF
Heating input	
Heating output	15316 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	513 cfm
Air flow factor	0.052 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Capacity balance point = 16 °F

Backup:
Input = 3 kW, Output = 9769 Btuh, 100 AFUE

Cooling Equipment Summary

Make	Generic
Trade	
Cond	SEER 14.0, HSPF 8.1
Coil	
AHRI ref	
Efficiency	12.2 EER, 14 SEER
Sensible cooling	10775 Btuh
Latent cooling	4618 Btuh
Total cooling	15393 Btuh
Actual air flow	513 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.87

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary
(Rest of House)
D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Notes:

Design Information

Weather: Gainesville Regional AP, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	47 gr/lb

Heating Summary

Structure	18236 Btuh
Ducts	6369 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	24605 Btuh

Sensible Cooling Equipment Load Sizing

Structure	21471 Btuh
Ducts	9166 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	29717 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1609	1609
Volume (ft³)	13255	13255
Air changes/hour	0.27	0.13
Equiv. AVF (cfm)	59	30

Latent Cooling Equipment Load Sizing

Structure	1546 Btuh
Ducts	1723 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	3269 Btuh
Equipment Total Load (Sen+Lat)	32986 Btuh
Req. total capacity at 0.70 SHR	3.5 ton

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	n/a

Cooling Equipment Summary

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary
floor2
D.L. Williams Heating & Cooling LLC

Job:
Date: Dec 16, 2019
By:
Plan: 1

PO Box 2156, Lake City, Fl 32056 Phone: 386-754-1987 Email: DLWCOOLZ@gmail.com Web: dlwilliamsheatingandcooling.com

Project Information

For: McFatter Residence, Little and Williams

Notes:

Design Information

Weather: Gainesville Regional AP, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	47 gr/lb

Heating Summary

Structure	7839 Btuh
Ducts	1945 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	9784 Btuh

Sensible Cooling Equipment Load Sizing

Structure	10471 Btuh
Ducts	2948 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	13017 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	790	790
Volume (ft³)	6320	6320
Air changes/hour	0.43	0.22
Equiv. AVF (cfm)	45	23

Latent Cooling Equipment Load Sizing

Structure	1127 Btuh
Ducts	497 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	1624 Btuh
Equipment Total Load (Sen+Lat)	14640 Btuh
Req. total capacity at 0.70 SHR	1.5 ton

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	n/a

Cooling Equipment Summary

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

FORM R405-2017

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	McFatter Residence	Builder Name:	Little & Williams
Street:		Permit Office:	
City, State, Zip:	, FL ,	Permit Number:	
Owner:		Jurisdiction:	
Design Location:	FL, Gainesville	County:	columbia (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)			
2. Single family or multiple family	Single-family			
3. Number of units, if multiple family	1			
4. Number of Bedrooms	3			
5. Is this a worst case?	No			
6. Conditioned floor area above grade (ft²)	2509			
Conditioned floor area below grade (ft²)	0			
7. Windows(401.0 sqft.)	Description		Area	
a. U-Factor:	Dbl, U=0.33		401.00 ft²	
SHGC:	SHGC=0.22			
b. U-Factor:	N/A		ft²	
SHGC:				
c. U-Factor:	N/A		ft²	
SHGC:				
d. U-Factor:	N/A		ft²	
SHGC:				
Area Weighted Average Overhang Depth:			5.251 ft.	
Area Weighted Average SHGC:			0.220	
8. Floor Types (2509.0 sqft.)		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=0.0	1632.00 ft²	
b. Floor Over Other Space		R=0.0	877.00 ft²	
c. N/A		R=	ft²	

9. Wall Types (2681.3 sqft.)	Insulation	Area	
a. Frame - Wood, Exterior	R=19.0	2681.30 ft²	
b. N/A	R=	ft²	
c. N/A	R=	ft²	
d. N/A	R=	ft²	
10. Ceiling Types (2509.0 sqft.)	Insulation	Area	
a. Under Attic (Vented)	R=30.0	1632.00 ft²	
b. Cathedral/Single Assembly (Vented)	R=19.0	877.00 ft²	
c. N/A	R=	ft²	
11. Ducts	R	ft²	
a. Sup: Attic, Ret: Attic, AH: 1st Floor	6	250.9	
b. Sup: Attic, Ret: Attic, AH: Attic	6	250.9	
12. Cooling systems	kBtu/hr	Efficiency	
a. Central Unit	37.0	SEER:14.00	
b. Central Unit	15.4	SEER:14.00	
13. Heating systems	kBtu/hr	Efficiency	
a. Electric Heat Pump	36.8	HSPF:8.50	
b. Electric Heat Pump	15.3	HSPF:8.50	
14. Hot water systems			
a. Electric		Cap: 40 gallons	
b. Conservation features		EF: 0.920	
None			
15. Credits		CF, Pstat	

Glass/Floor Area:	0.160	Total Proposed Modified Loads: 68.79
		Total Baseline Loads: 75.73

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 1-7-20

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

- Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	McFatter Residence	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	2695	Lot #	
Owner Name:		Total Stories:	2	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Little & Williams	Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1632	16320
2	Block2	877	7016

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	1st Floor	1632	16320	Yes	6	1	1	Yes	Yes	Yes
2	2nd Floor	877	7016	No	4	2	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	1st Floor	165 ft	0	1632 ft²	----	0.33	0.33	0.34
_____	2	Floor Over Other Space	2nd Floor	----	----	877 ft²	0	0.1	0.2	0.7

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	1890 ft²	476 ft²	Medium	N	0.85	No	0.9	No	0	30.3

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1632 ft²	N	N

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	1st Floor	30	Blown	755 ft²	0.11	Wood
_____	2	Cathedral/Single Assembly (Vented)	1st Floor	19	Blown	877 ft²	0.11	Wood
_____	3	Under Attic (Vented)	2nd Floor	30	Blown	877 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
____	1	N	Exterior	Frame - Wood	1st Floor	19	36		10		360.0 ft²	0.625	0.23	0.75	0
____	2	E	Exterior	Frame - Wood	1st Floor	19	6	4	10		63.3 ft²	0.625	0.23	0.75	0
____	3	N	Exterior	Frame - Wood	1st Floor	19	8	4	10		83.3 ft²	0.625	0.23	0.75	0
____	4	E	Exterior	Frame - Wood	1st Floor	19	31	8	10		316.7 ft²	0.625	0.23	0.75	0
____	5	S	Exterior	Frame - Wood	1st Floor	19	44	4	10		443.3 ft²	0.625	0.23	0.75	0
____	6	W	Exterior	Frame - Wood	1st Floor	19	38		10		380.0 ft²	0.625	0.23	0.75	0
____	7	N	Exterior	Frame - Wood	2nd Floor	19	44	4	8		354.7 ft²	0.625	0.23	0.75	0
____	8	E	Exterior	Frame - Wood	2nd Floor	19	20	4	8		162.7 ft²	0.625	0.23	0.75	0
____	9	S	Exterior	Frame - Wood	2nd Floor	19	44	4	8		354.7 ft²	0.625	0.23	0.75	0
____	10	W	Exterior	Frame - Wood	2nd Floor	19	20	4	8		162.7 ft²	0.625	0.23	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	N	Insulated	1st Floor	None	.46	2	8	6	8	17.8 ft²
_____	2	E	Insulated	1st Floor	None	.46	5		6	8	33.3 ft²
_____	3	S	Insulated	1st Floor	None	.46	3		8		24 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	48.0 ft²	15 ft 6 in	1 ft 4 in	None	None
_____	2	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	16.0 ft²	15 ft 6 in	1 ft 4 in	None	None
_____	3	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	10.0 ft²	15 ft 6 in	1 ft 4 in	None	None
_____	4	E	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	5	E	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	6	S	5	Vinyl	Low-E Double	Yes	0.33	0.22	N	72.0 ft²	8 ft 0 in	1 ft 4 in	None	None
_____	7	W	6	Vinyl	Low-E Double	Yes	0.33	0.22	N	90.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	8	E	8	Vinyl	Low-E Double	Yes	0.33	0.22	N	15.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	9	S	9	Vinyl	Low-E Double	Yes	0.33	0.22	N	60.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	10	S	9	Vinyl	Low-E Double	Yes	0.33	0.22	N	48.0 ft²	1 ft 6 in	1 ft 4 in	None	None

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000295	1944.7	106.76	200.78	.1558	5

HEATING SYSTEM

√	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump/	None	Singl	HSPF:8.5	36.79 kBtu/hr	1	sys#1
_____	2	Electric Heat Pump/	None	Singl	HSPF:8.5	15.32 kBtu/hr	2	sys#2

COOLING SYSTEM

√	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	None	Singl	SEER: 14	36.97 kBtu/hr	1232 cfm	0.85	1	sys#1
_____	2	Central Unit/	None	Singl	SEER: 14	15.39 kBtu/hr	513 cfm	0.85	2	sys#2

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	1st Floor	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

√	#	Supply Location	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	250.9 ft	Attic	62.725	Prop. Leak Free	1st Floor	--- cfm	49.0 cfm	0.03	0.50	1	1
_____	2	Attic	6	250.9 ft	Attic	62.725	Prop. Leak Free	Attic	--- cfm	26.3 cfm	0.03	0.50	2	2

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

Thermostat Schedule: HERS 2006 Reference		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	1st Floor
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	2nd Floor

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018 AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS, FBC 1609.3.1 THRU 1609.3.3.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 7/1/18

Website: http://www.columbiacountyfla.com/BuildingandZoning.asp

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		Select From Drop down		
1	Two (2) complete sets of plans containing the following:			
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			
3	**Condition space (Sq. Ft.)** | **Total (Sq. Ft.) under roof**	Yes	No	NA

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL 107.1.

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details are required.

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	**Plans or specifications must show compliance with FBCR Chapter 3**	Yes	No	NA
		Select From Drop down		
9	Basic wind speed (3-second gust), miles per hour	- ✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	- ✓		
11	Wind importance factor and nature of occupancy	- ✓		
12	The applicable internal pressure coefficient, Components and Cladding	- ✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	- ✓		

Elevations Drawing including:

14	All side views of the structure	- ✓		
15	Roof pitch	- ✓		
16	Overhang dimensions and detail with attic ventilation	- ✓		
17	Location, size and height above roof of chimneys	- ✓		
18	Location and size of skylights with Florida Product Approval	- ✓		
19	Number of stories	- ✓		
20	Building height from the established grade to the roofs highest peak	- ✓		

Fl oor Pl an Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	-✓		
22	Raised floor surfaces located more than 30 inches above the floor or grade	-✓		
23	All exterior and interior shear walls indicated	-✓		
24	Shear wall opening shown (Windows, Doors and Garage doors)	-		
25	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	-✓		
26	Safety glazing of glass where needed	-✓		
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	-✓		
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	-✓		
29	Identify accessibility of bathroom (see FBCR SECTION 320)	-✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans
(see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

Select From Drop down

30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	-✓		
31	All posts and/or column footing including size and reinforcing	-✓		
32	Any special support required by soil analysis such as piling.	-	✓	
33	Assumed load-bearing valve of soil _____ Pound Per Square Foot	-	✓	
34	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	-✓		

FBCR 506: CONCRETE SLAB ON GRADE

35	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	-✓		
36	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	-✓		

FBCR 318: PROTECTION AGAINST TERMITES

37	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. **Protection shall be provided by registered termiticides**	-✓		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

38	Show all materials making up walls, wall height, and Block size, mortar type	-✓		
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	-✓		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

40	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	- ✓		
41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	- ✓		
42	Girder type, size and spacing to load bearing walls, stem wall and/or priers	- ✓		
43	Attachment of joist to girder	- ✓		
44	Wind load requirements where applicable	- ✓		
45	Show required under-floor crawl space	- ✓		
46	Show required amount of ventilation opening for under-floor spaces	- ✓		
47	Show required covering of ventilation opening	- ✓		
48	Show the required access opening to access to under-floor spaces	- ✓		
49	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	- ✓		
50	Show Draftstopping, Fire caulking and Fire blocking	- ✓		
51	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	- ✓		
52	Provide live and dead load rating of floor framing systems (psf).	- ✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		Select from Drop down		
53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	- ✓		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	- ✓		
55	Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	- ✓		
56	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	- /		
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	- /		
58	Indicate where pressure treated wood will be placed	- /		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	- /		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	- /		

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	- /		
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	- /		
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	- /		
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	- /		
65	Provide dead load rating of trusses	- /		

FBCR 802:Conventional Roof Framing Layout

66	Rafter and ridge beams sizes, span, species and spacing	- /		
67	Connectors to wall assemblies' include assemblies' resistance to uplift rating	- /		
68	Valley framing and support details	- /		
69	Provide dead load rating of rafter system	- /		

FBCR 803 ROOF SHEATHING

70	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	- /		
71	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	- /		

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	-	/		
73	Submit Florida Product Approval numbers for each component of the roof assembles covering	-	/		

FBCR Chapter 11 Energy Efficiency Code for Residential Building

Residential construction shall comply with this code by using the following compliance methods in the FBCR Chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted,** *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable			
		Select from Drop Down			
74	Show the insulation R value for the following areas of the structure	-	/		
75	Attic space	-	/		
76	Exterior wall cavity	-	/		
77	Crawl space	-	/		

HVAC information

78	Submit two copies of a Manual J sizing equipment or equivalent computation study	-	/		
79	Exhaust fans shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**	-	/		
80	Show clothes dryer route and total run of exhaust duct	-	/		

Plumbing Fixture layout shown

81	All fixtures waste water lines shall be shown on the foundationplan	-	/		
82	Show the location of water heater	-	/		

Private Potable Water

83	Pump motor horse power	-		/	
84	Reservoir pressure tank gallon capacity	-		/	
85	Rating of cycle stop valve if used	-		/	

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	-	/		
87	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	-	/		
88	Show the location of smoke detectors & Carbon monoxide detectors	-	/		
89	Show service panel, sub-panel, location(s) and total ampere ratings	-	/		
90	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	-	/		
91	Appliances and HVAC equipment and disconnects	-	/		
92	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	-	/		

Notice Of Commencement:

A notice of commencement form RECORDED in the Columbia County Clerk Office is required to be filed with the Building Department BEFORE ANY INSPECTIONS can be performed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.****

Select from Drop down

93	**Building Permit Application** A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee. The completed application with attached documents and application fee can be mailed.	- /		
94	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	- /		
95	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	-		
96	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	-	\	
97	**Toilet facilities shall be provided for all construction sites**	- /		
98	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.	-	\	
99	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations (Municode.com)	-	\	
100	**CERTIFIED FINISHED FLOOR ELEVATIONS** will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	-	\	
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**	-	\	
102	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit **($25.00)** must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver **($50.00)** Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	-	\	
103	**911 Address:** An application for a 911 address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	-	\	

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

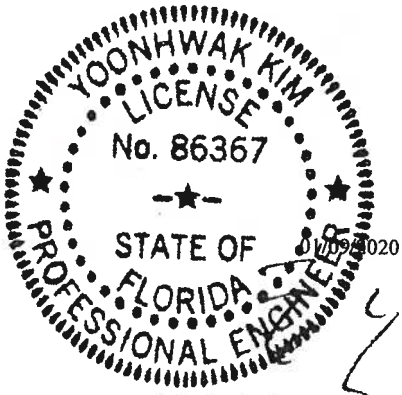
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Masonite	Exterior Doors	FL 5507.1
B. SLIDING	M I Home Product	Sliding Glass Doors	FL 15332.1
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	M I Home Product	S/H Windows	FL 12676.1
B. HORIZONTAL SLIDER	" " "	H/S	FL 12349.1
C. CASEMENT	" " "	Fixed	FL 17845.1
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Siding	~~FL 13192.2~~
B. SOFFITS		Soffit Panels	FL 13192.2
C. STOREFRONTS			FL 13265.1
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF	HDZ Shingles	FL 10124.1
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
Underlayment	GAF	Tiger Paw	FL 10624.1
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson	Wood Connectors	FL 9589-R5
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

COLUMBIA COUNTY BUILDING DEPARTMENT — Received for Code Compliance — FILE COPY — PLANS EXAMINER

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

NOTES: ______________________



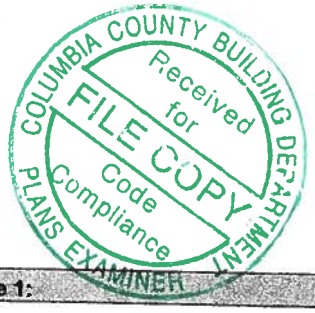
1/09/2020

This document has been electronically signed and sealed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.

ALPINE
AN ITW COMPANY

FL REG# 278, Yoonhwak Kim, FL PE #86367

Alpine, an ITW Company
6750 Forum Drive, Suite 305
Orlando, FL 32821
Phone: (800)755-6001
www.alpineitw.com



SCANNED

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 19-3262F
Job Description: /McFatter /LITTLE & WILLIAMS	
Address: LAKE CITY, FL	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	*IntelliVIEW Version:* 18.02.01B *JRef #:* 1WRR2150010
	Roof Load (psf): None *Floor Load (psf):* 40.00-10.00- 0.00- 5.00

This package contains general notes pages, 11 truss drawing(s) and 2 detail(s).

Item	Drawing Number	Truss
1	009.20.1522.12873	F01
3	009.20.1522.21103	F03
5	009.20.1522.26400	F05
7	009.20.1522.28923	F07
9	009.20.1522.31660	F09
11	009.20.1522.37510	F11
13	RIGINSRT1014	

Item	Drawing Number	Truss
2	009.20.1522.19553	F02
4	009.20.1522.22793	F04
6	009.20.1522.27797	F06
8	009.20.1522.30617	F08
10	009.20.1522.33157	F10
12	STRBRIBR1014	

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:
The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AF&PA. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:
Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:
The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed and detailed by the Building Designer.

Connector Plate Information:
Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

General Notes (continued)

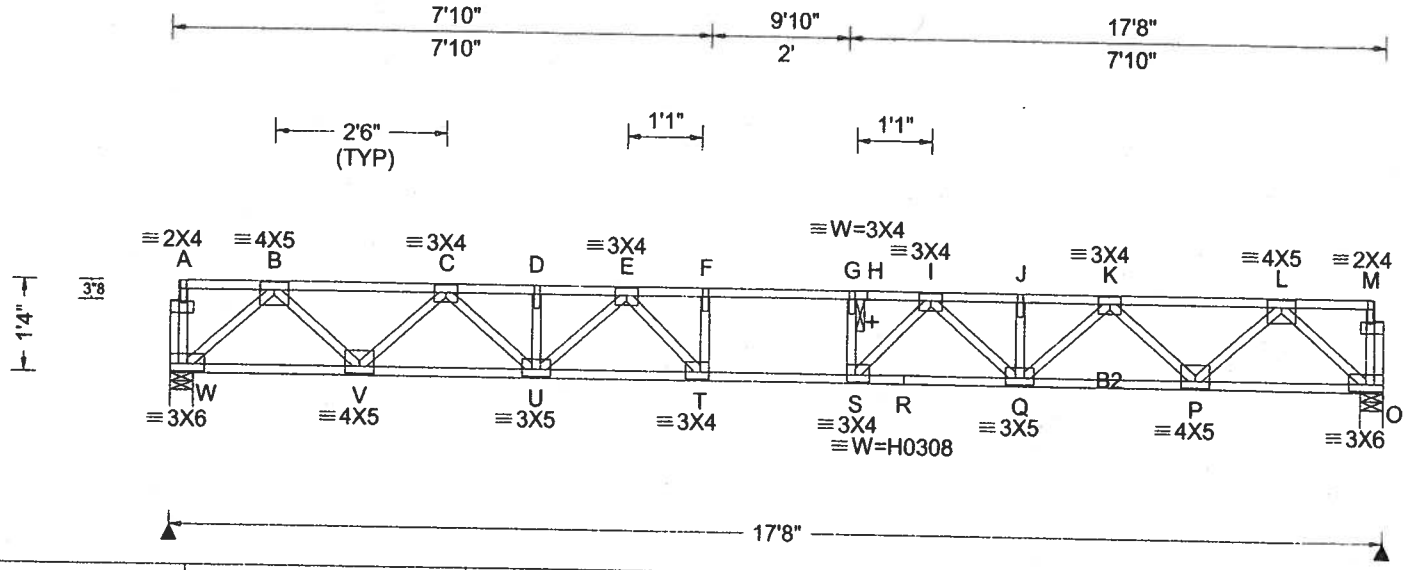
Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.
HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.
HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.
L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.
L/defl = ratio of Length between bearings, in inches, divided by the immediate vertical Deflection, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.
Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.
Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for of all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for of all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for of all load cases.
NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.
PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.
PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds
PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.
PP = Panel Point.
R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).
Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square foot.
U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.
VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

References:
1. AF&PA: American Forest & Paper Association, 1111 19th Street, NW, Suite 800, Washington, DC 20036; www.afandpa.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
4. TPI: Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, VA 22314; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.co

SEQN: 553977 SY42 FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F01		Cust: R 215 JRef: 1WRR2150010 T4 DrwNo: 009.20.1522.12873 JB / YK 01/09/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.246	G	843	480
VERT(CL): 0.316	G	656	360
HORZ(LL): 0.040	B	-	-
HORZ(TL): 0.056	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.804
Max BC CSI: 0.993
Max Web CSI: 0.467

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W	959	/-	/-	/-	/-	/-
O	959	/-	/-	/-	/-	/-

W Brg Width = 4.0 Min Req = 1.5
O Brg Width = 4.0 Min Req = 1.5
Bearings W & O are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1684	G - H	0	-3353
C - D	0	-2832	H - I	0	-3353
D - E	0	-2832	I - J	0	-2835
E - F	0	-3353	J - K	0	-2835
F - G	0	-3362	K - L	0	-1685

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	980	0	S - R	3174	0
V - U	2361	0	R - Q	3174	0
U - T	3174	0	Q - P	2361	0
T - S	3362	0	P - O	980	0

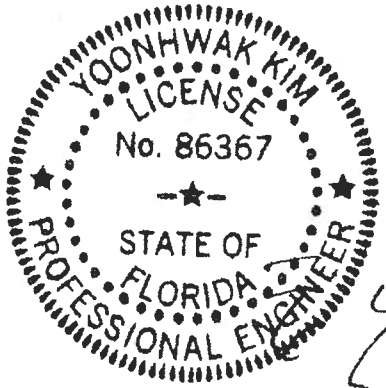
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - B	0	-1332	S - I	546	-66
B - V	980	0	I - Q	0	-463
V - C	0	-941	Q - K	644	0
C - U	641	0	K - P	0	-941
U - E	0	-469	P - L	980	0
E - T	548	-69	L - O	0	-1333

Lumber
Top chord: 4x2 SP #2;
Bot chord: 4x2 SP 2400f-2.0E; B2 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes
All plates are 1X4 except as noted.

Additional Notes
Refer to General Notes for additional information
+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise,top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

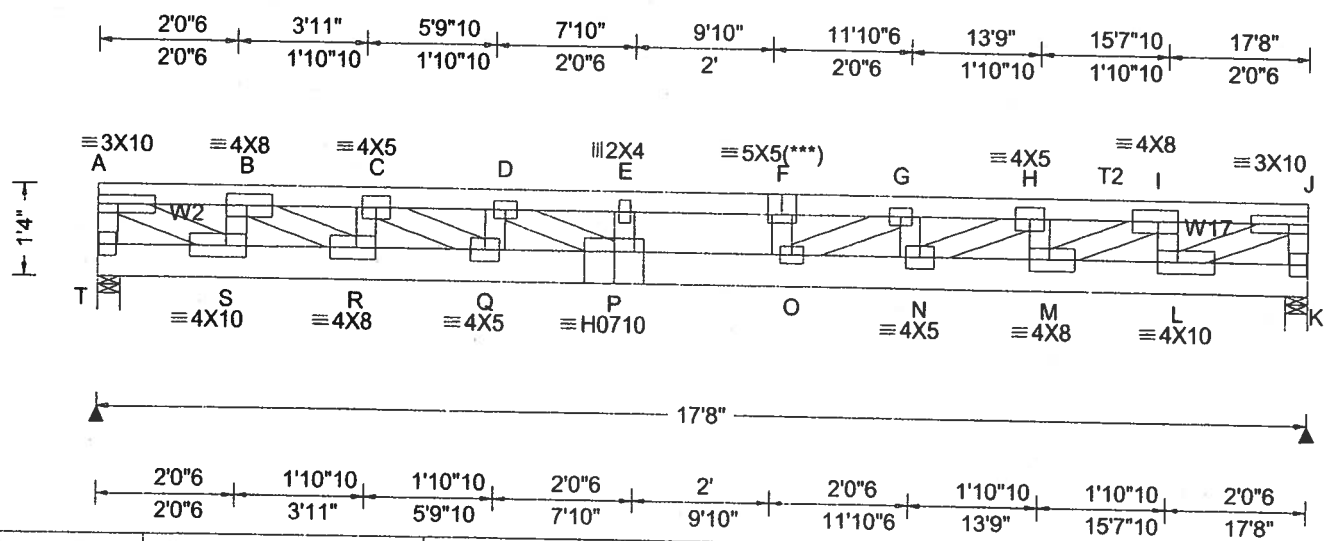
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses**A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 554104 FLAT FROM: CDM	Ply: 3 Qty: 1	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F02		Cust: R 215 JRef: 1WRR2150010 T3 DrwNo: 009.20.1522.19553 JB / YK 01/09/2020

3 Complete Trusses Required



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.382	F	555	480
VERT(CL): 0.525	F	404	360
HORZ(LL): 0.057	A	-	-
HORZ(TL): 0.079	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.768
Max BC CSI: 0.595
Max Web CSI: 0.886

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	4049	/-	/-	/-	/-	/-
K	4156	/-	/-	/-	/-	/-

T Brg Width = 4.0 Min Req = 1.5
K Brg Width = 4.0 Min Req = 1.5
Bearings T & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-2379	F - G	0	-6398
B - C	0	-4362	G - H	0	-5614
C - D	0	-5708	H - I	0	-4313
D - E	0	-6400	I - J	0	-2371
E - F	0	-6451			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	2768	0	O - N	5811	0
R - Q	4650	0	N - M	4593	0
Q - P	5899	0	M - L	2761	0
P - O	6451	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - T	0	-1246	O - G	685	0
A - S	2655	0	G - N	0	-676
S - B	0	-1335	N - H	1191	0
B - R	1860	0	H - M	0	-963
R - C	0	-989	M - I	1810	0
C - Q	1234	0	I - L	0	-1341
Q - D	0	-656	L - J	2643	0
D - P	585	0	J - K	0	-1262

Lumber

Top chord: 2x4 SP 2400f-2.0E; T2 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2,W17 2x4 SP #2;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 2.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 50 plf at 0.00 to 50 plf at 17.67
BC: From 5 plf at 0.00 to 5 plf at 17.67
TC: 904 lb Conc. Load at 2.15, 4.15, 6.15, 7.85 9.85,11.85,13.85,15.85

Plating Notes

All plates are 3X4 except as noted.

Purlins

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

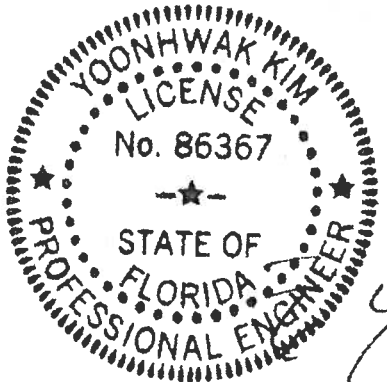
Additional Notes

Refer to General Notes for additional information

(***) 20 gage metal shim required between chord ends to distribute axial forces at joint. See DRWG RIGINSRT1014 for more information.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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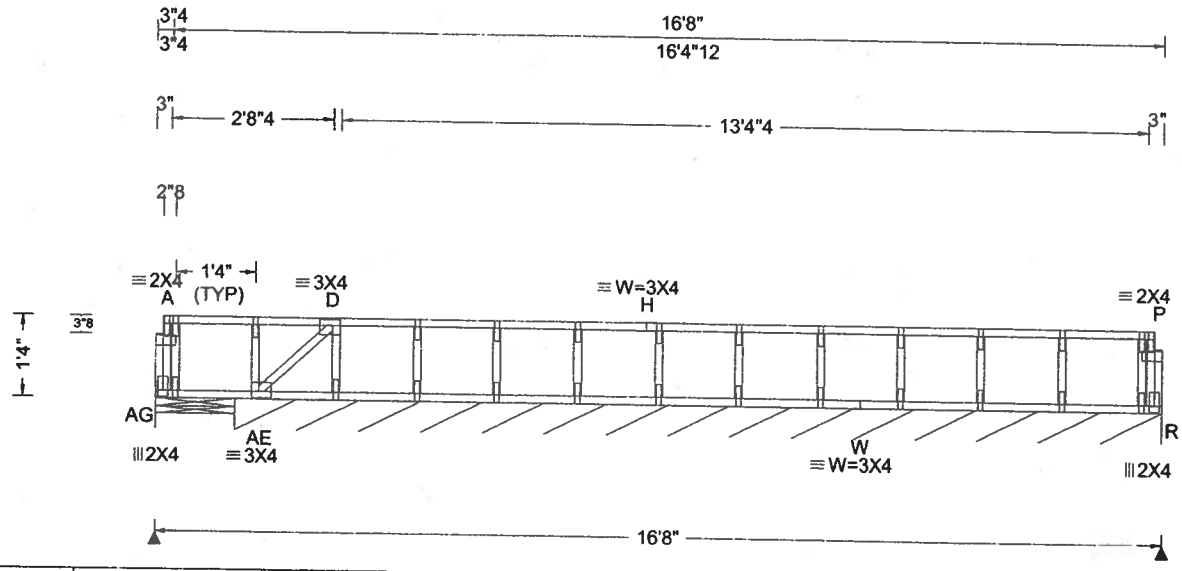
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553974 SY42 FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F03	Cust: R 215 JRef: 1WRR2150010 T12 DrwNo: 009.20.1522.21103 JB / YK 01/09/2020



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**	**▲Maximum Reactions (lbs), or *=PLF**
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.000 A 999 480 VERT(CL): -0.000 A 999 360 HORZ(LL): -0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.086 Max BC CSI: 0.021 Max Web CSI: 0.033 VIEW Ver: 18.02.01B.0321.08	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AG 86 /- /- /- /- /- R* 112 /- /- /- /- /- AG Brg Width = 16.0 Min Req = 1.5 R Brg Width = 184 Min Req = - Bearings AG & AE are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes

All plates are 1X4 except as noted.

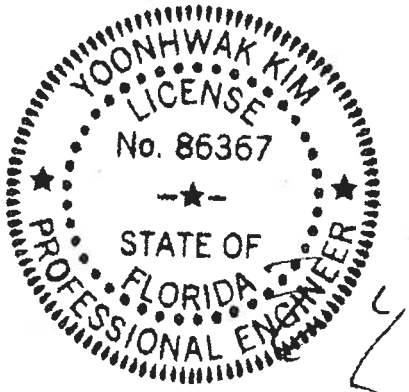
Additional Notes

Refer to General Notes for additional information

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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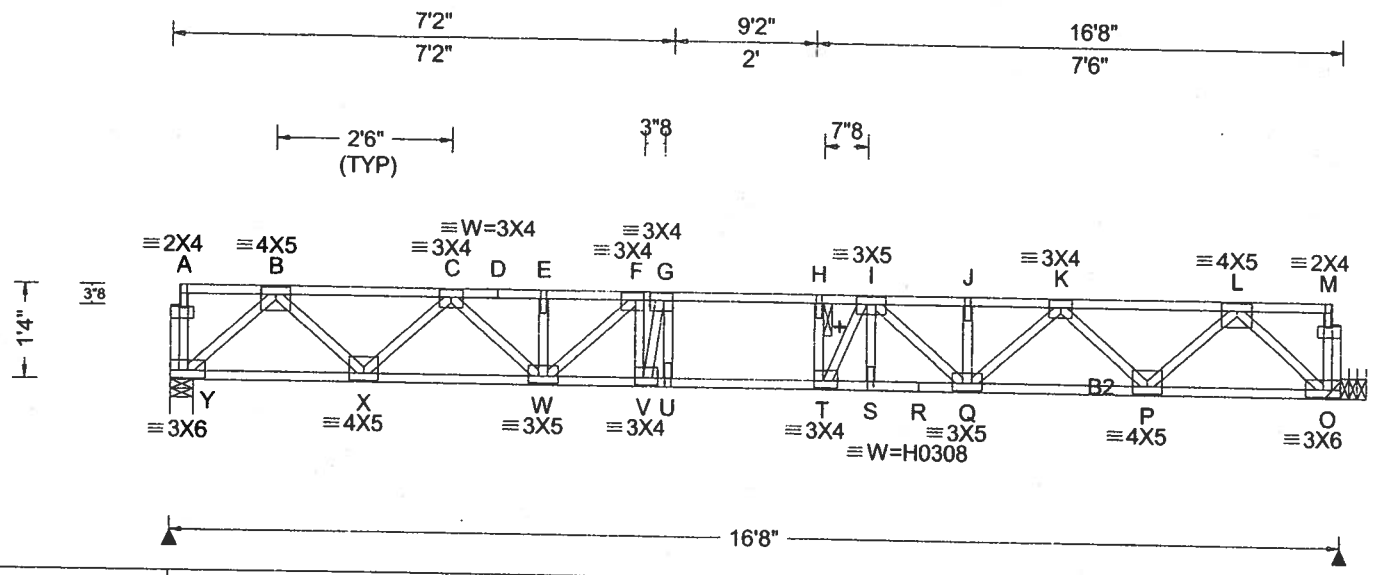
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 554690 SY42 FROM: CDM	Ply: 1 Qty: 8	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F04	Cust: R 215 JRef: 1WRR2150010 T5 DrwNo: 009.20.1522.22793 JB / YK 01/09/2020	



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.205	H	952	480
VERT(CL): 0.261	H	750	360
HORZ(LL): 0.032	B	-	-
HORZ(TL): 0.045	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.710
Max BC CSI: 0.804
Max Web CSI: 0.429

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Y	904	/-	/-	/-	/-	/-
O	904	/-	/-	/-	/-	/-

Y Brg Width = 4.0 Min Req = 1.5
O Brg Width = - Min Req = -
Bearing Y is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1568	G - H	0	-2977
C - D	0	-2598	H - I	0	-2970
D - E	0	-2598	I - J	0	-2602
E - F	0	-2598	J - K	0	-2602
F - G	0	-2918	K - L	0	-1569

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Y - X	920	0	T - S	2894	0
X - W	2187	0	S - R	2894	0
W - V	2895	0	R - Q	2894	0
V - U	2975	0	Q - P	2188	0
U - T	2977	0	P - O	921	0

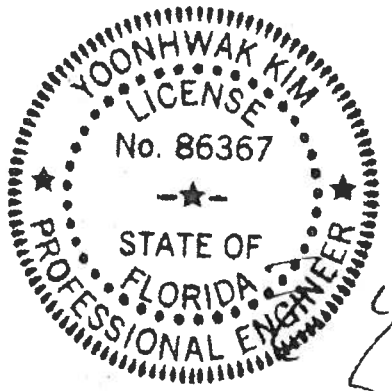
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Y - B	0	-1252	T - I	512	-200
B - X	901	0	I - Q	0	-399
X - C	0	-861	Q - K	564	0
C - W	558	0	K - P	0	-860
W - F	0	-471	P - L	901	0
F - V	454	-35	L - O	0	-1252
V - G	180	-617			

Lumber
Top chord: 4x2 SP #2;
Bot chord: 4x2 SP 2400f-2.0E; B2 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes
All plates are 1X4 except as noted.

Additional Notes
Refer to General Notes for additional information
+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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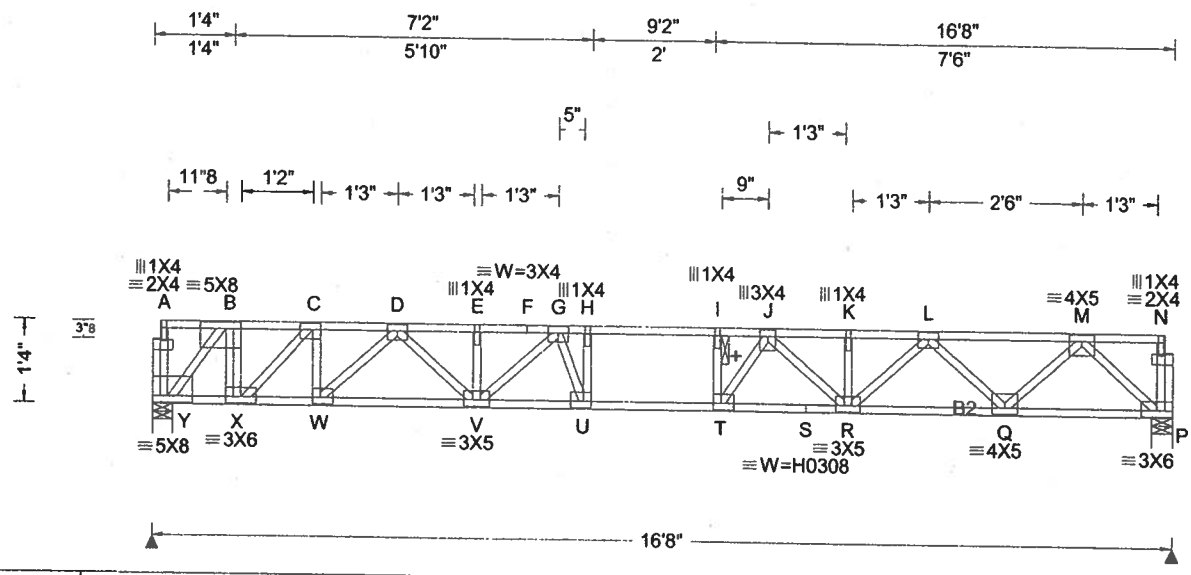
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553959 SY42 FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F05		Cust: R 215 JRef: 1WRR2150010 T11 DrwNo: 009.20.1522.26400 JB / YK 01/09/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.213	H	918	480
VERT(CL): 0.319	U	612	360
HORZ(LL): 0.039	B	-	-
HORZ(TL): 0.062	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.949
Max BC CSI: 0.985
Max Web CSI: 0.545

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Y	1812 /-	/-	/-	/-	/-
P	973 /-	/-	/-	/-	/-

Y Brg Width = 4.0 Min Req = 1.5
P Brg Width = 4.0 Min Req = 1.5
Bearings Y & P are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1633	H - I	0	-3449
C - D	0	-2388	I - J	0	-3437
D - E	0	-3240	J - K	0	-2889
E - F	0	-3240	K - L	0	-2889
F - G	0	-3240	L - M	0	-1715
G - H	0	-3445			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Y - X	1564	0	T - S	3257	0
X - W	2337	0	S - R	3257	0
W - V	2870	0	R - Q	2402	0
V - U	3428	0	Q - P	996	0
U - T	3449	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Y - B	0	-2343	G - U	437	-289
B - X	674	0	T - J	626	-19
X - C	0	-986	J - R	0	-552
C - W	501	0	R - L	662	0
W - D	0	-671	L - Q	0	-956
D - V	503	0	Q - M	1000	0
V - G	15	-421	M - P	0	-1354

Lumber

Top chord: 4x2 SP #2;
Bot chord: 4x2 SP 2400f-2.0E; B2 4x2 SP #2;
Webs: 4x2 SP #3;

Special Loads

-----(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 100 plf at 0.13 to 100 plf at 16.54
BC: From 10 plf at 0.00 to 10 plf at 16.67
TC: 977 lb Conc. Load at 1.33

Plating Notes

All plates are 3X4 except as noted.

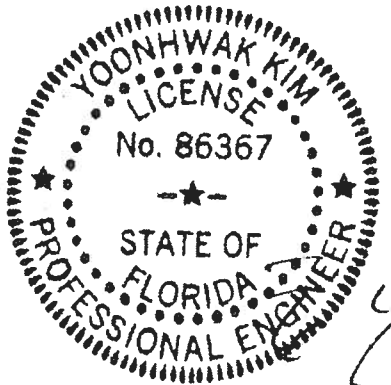
Additional Notes

Refer to General Notes for additional information

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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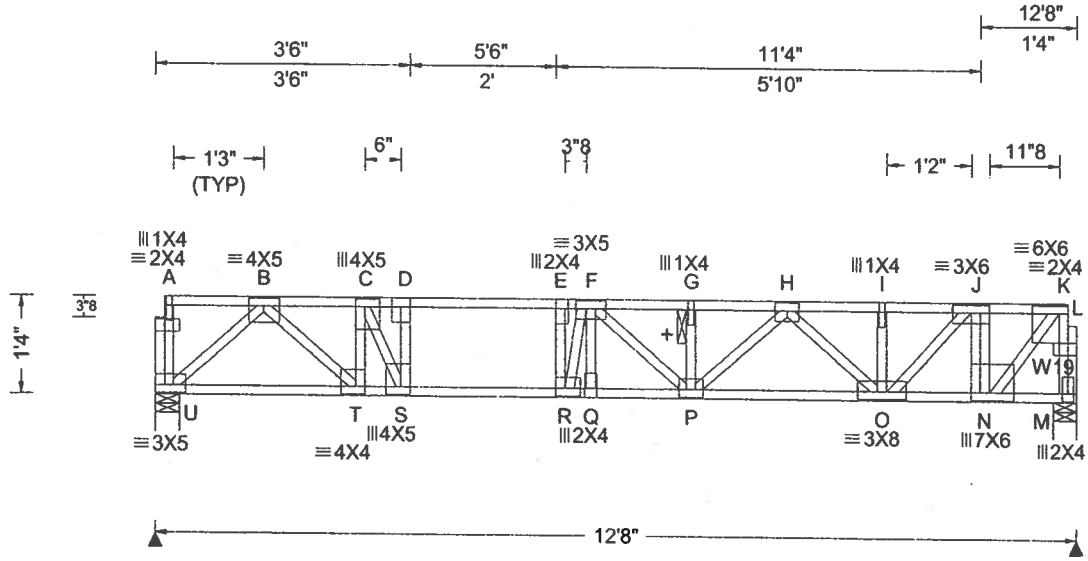
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553954 SY42 FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F06	Cust: R 215 JRef: 1WRR2150010 T2 DrwNo: 009.20.1522.27797 JB / YK 01/09/2020	



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.227	Q	650	480
VERT(CL): 0.326	Q	452	360
HORZ(LL): -0.024	K	-	-
HORZ(TL): 0.034	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.712
Max BC CSI: 0.963
Max Web CSI: 0.631

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	865	/-	/-	/-	/-	/-
M	1766	/-	/-	/-	/-	/-

U Brg Width = 4.0 Min Req = 1.5
M Brg Width = 4.0 Min Req = 1.5
Bearings U & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1535	G - H	0	-2742
C - D	0	-2138	H - I	0	-2224
D - E	0	-2176	I - J	0	-2224
E - F	0	-2200	J - K	0	-1479
F - G	0	-2742			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	864	0	Q - P	2501	0
T - S	1631	0	P - O	2582	0
S - R	2176	0	O - N	1655	0
R - Q	2501	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - B	0	-1175	H - O	0	-487
B - T	933	0	O - J	778	0
T - C	0	-930	J - N	0	-1710
C - S	1326	0	N - K	2216	0
S - D	0	-736	K - L	0	-1724
E - R	468	0	L - M	0	-1727
R - F	0	-1069			

Lumber

Top chord: 4x2 SP 2400f-2.0E;
Bot chord: 4x2 SP 2400f-2.0E;
Webs: 4x2 SP #3; W19 4x2 SP #2;

Special Loads

-----(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 100 plf at 0.13 to 100 plf at 7.31
TC: From 50 plf at 7.31 to 50 plf at 12.54
BC: From 10 plf at 0.00 to 10 plf at 7.31
BC: From 5 plf at 7.31 to 5 plf at 12.67
TC: 191 lb Conc. Load at 7.31, 9.31,11.19
TC: 977 lb Conc. Load at 11.33

Plating Notes

All plates are 3X4 except as noted.

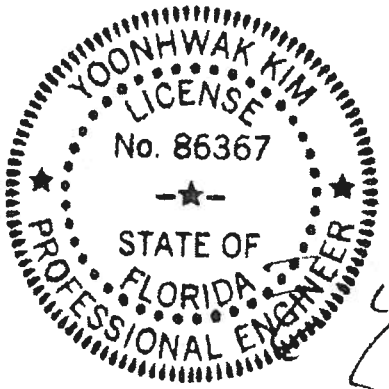
Additional Notes

Refer to General Notes for additional information

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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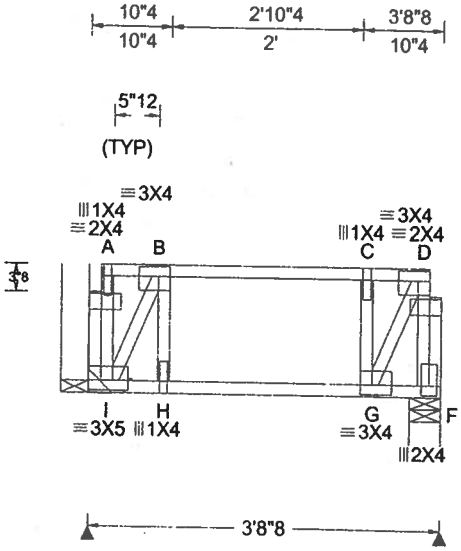
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 554688 SY42 FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F07	Cust: R 215 JRef: 1WRR2150010 T1 DrwNo: 009.20.1522.28923 JB / YK 01/09/2020	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 C 999 480 VERT(CL): 0.006 C 999 360 HORZ(LL): 0.002 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.221 Max BC CSI: 0.070 Max Web CSI: 0.101 VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
I	191 /-	/-	/-	/-	/-
F	191 /-	/-	/-	/-	/-
I	Brg Width = -		Min Req = -		
F	Brg Width = 4.0		Min Req = 1.5		

Bearing F is a rigid surface.
Members not listed have forces less than 375#

Lumber

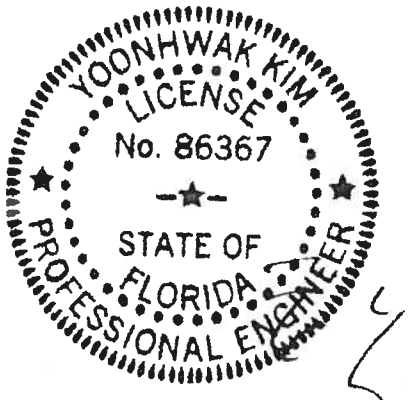
Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Additional Notes

Refer to General Notes for additional information

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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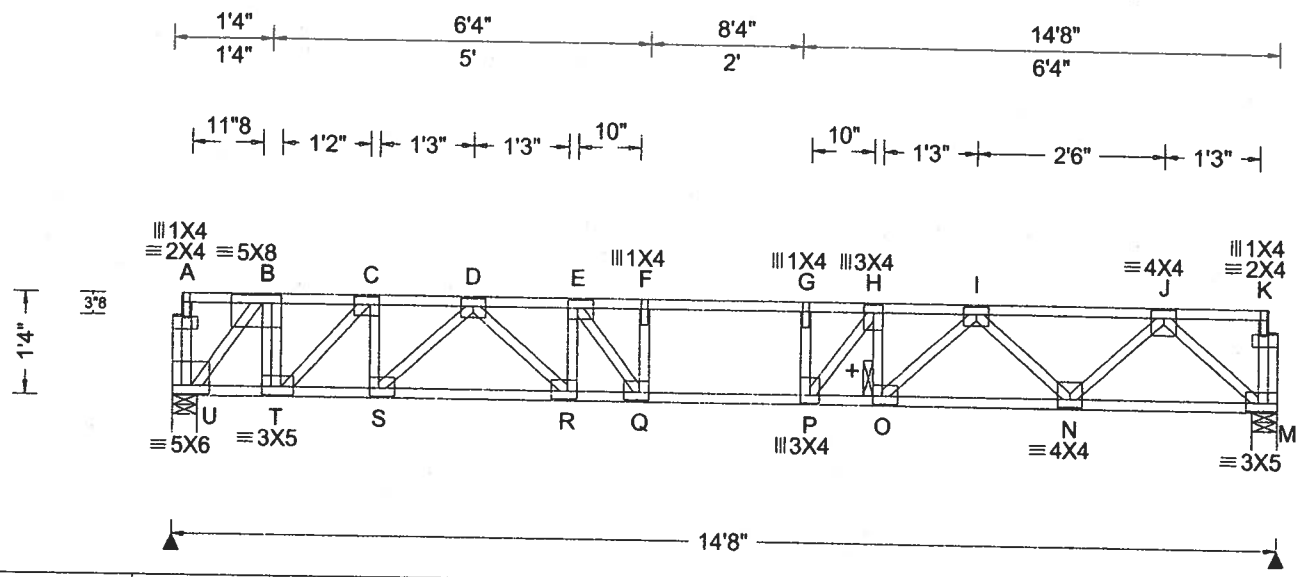
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553946 SY42 FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F08		Cust: R 215 JRef: 1WRR2150010 T14 DrwNo: 009.20.1522.30617 JB / YK 01/09/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.141	F	999	480
VERT(CL): 0.209	F	820	360
HORZ(LL): 0.026	B	-	-
HORZ(TL): 0.041	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.378
Max BC CSI: 0.577
Max Web CSI: 0.505

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	1693	/-	/-	/-	/-	/-
M	872	/-	/-	/-	/-	/-

U Brg Width = 4.0 Min Req = 1.5
M Brg Width = 4.0 Min Req = 1.5
Bearings U & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1509	F - G	0	-2747
C - D	0	-2135	G - H	0	-2732
D - E	0	-2723	H - I	0	-2439
E - F	0	-2743	I - J	0	-1501

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	1451	0	Q - P	2747	0
T - S	2096	0	P - O	2477	0
S - R	2493	0	O - N	2089	0
R - Q	2739	0	N - M	885	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - B	0	-2174	P - H	694	0
B - T	560	0	H - O	0	-418
T - C	0	-824	O - I	487	0
C - S	380	0	I - N	0	-817
S - D	0	-498	N - J	858	0
E - Q	379	-283	J - M	0	-1203

Lumber

Top chord: 4x2 SP 2400f-2.0E;
Bot chord: 4x2 SP 2400f-2.0E;
Webs: 4x2 SP #3;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 100 plf at 0.13 to 100 plf at 14.54
BC: From 10 plf at 0.00 to 10 plf at 14.67
TC: 977 lb Conc. Load at 1.33

Plating Notes

All plates are 3X4 except as noted.

Additional Notes

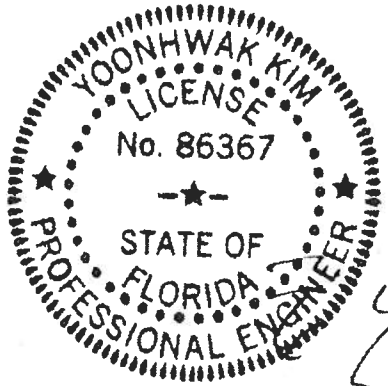
Refer to General Notes for additional information

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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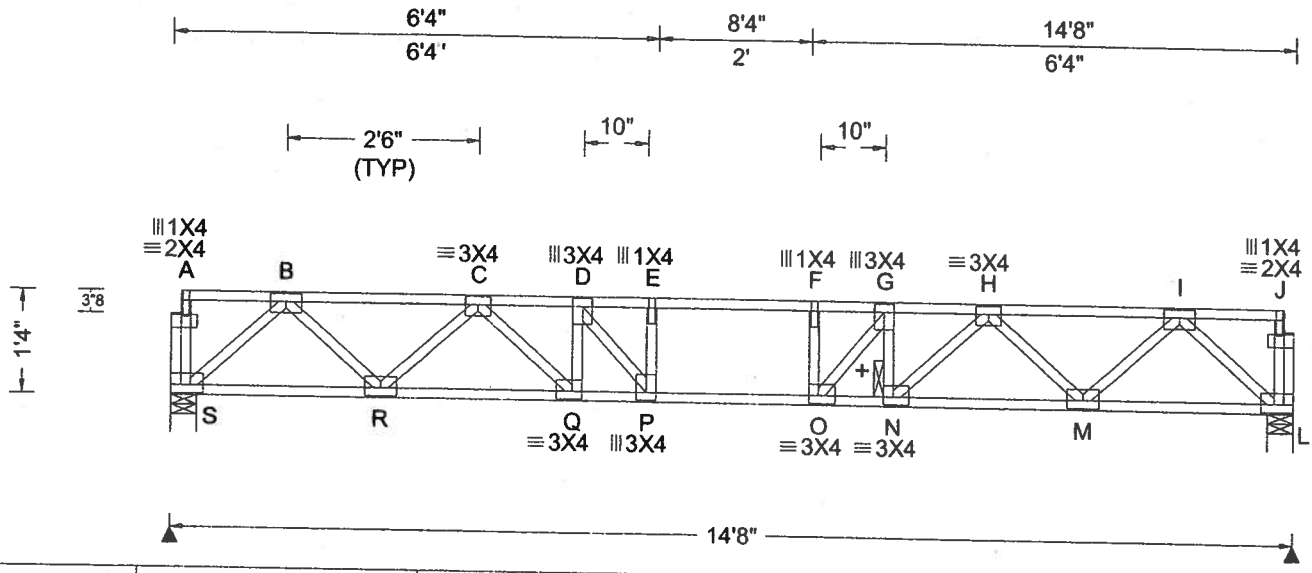
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553969 SY42 FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F09	Cust: R 215 JRef: 1WRR2150010 T6 DrwNo: 009.20.1522.31660 JB / YK 01/09/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.138	F	999	480
VERT(CL): 0.190	F	900	360
HORZ(LL): 0.027	L	-	-
HORZ(TL): 0.038	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.639
Max BC CSI: 0.835
Max Web CSI: 0.354

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	794	/-	/-	/-	/-	/-
L	794	/-	/-	/-	/-	/-

S Brg Width = 4.0 Min Req = 1.5
L Brg Width = 4.0 Min Req = 1.5
Bearings S & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1337	F - G	0	-2278
C - D	0	-2118	G - H	0	-2118
D - E	0	-2278	H - I	0	-1337
E - F	0	-2287			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	801	0	O - N	2143	0
R - Q	1843	0	N - M	1843	0
Q - P	2143	0	M - L	801	0
P - O	2287	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - B	0	-1090	O - G	484	-57
B - R	744	0	N - H	382	0
R - C	0	-705	H - M	0	-705
C - Q	382	0	M - I	744	0
D - P	484	-57	I - L	0	-1090

Lumber
Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes
All plates are 3X5 except as noted.

Additional Notes
Refer to General Notes for additional information
+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.

YOONHWAK KIM LICENSE No. 86367 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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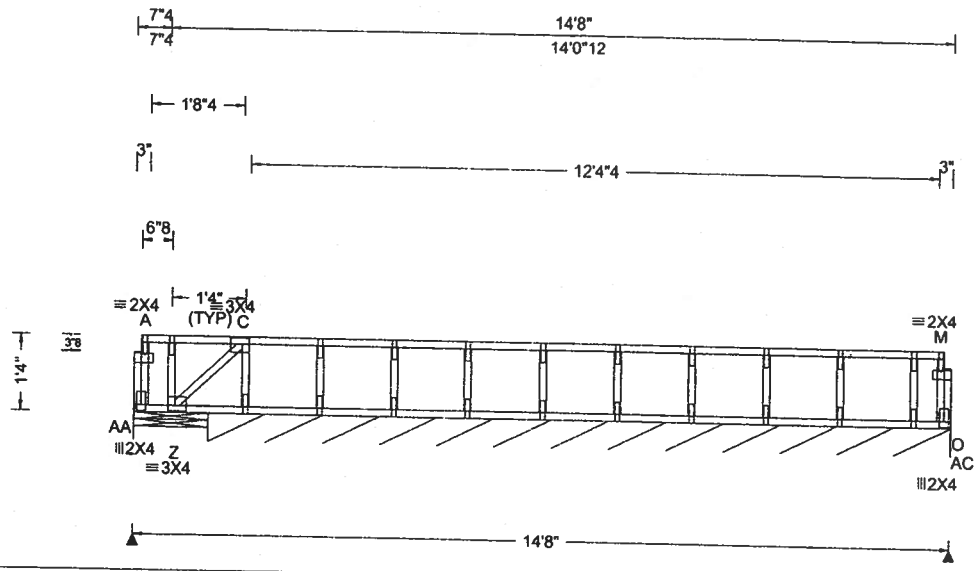
ALPINE AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553971 SY42 FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F10	Cust: R 215 JRef: 1WRR2150010 T10 DrwNo: 009.20.1522.33157 JB / YK 01/09/2020



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 480 VERT(CL): 0.002 A 999 360 HORZ(LL): -0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.080 Max BC CSI: 0.026 Max Web CSI: 0.032 VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	145 /-	/-	/-	/-	/-
AC	*108 /-	/-	/-	/-	/-

AA Brg Width = 16.0 Min Req = 1.5
AC Brg Width = 160 Min Req = -
Bearings AA & Z are a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes

All plates are 1X4 except as noted.

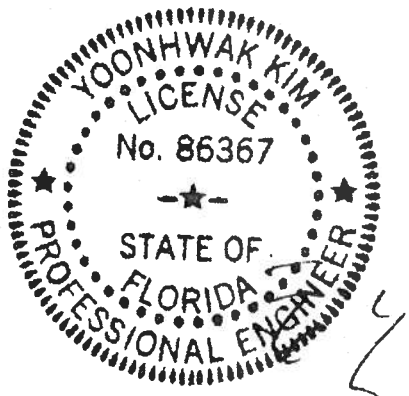
Additional Notes

Refer to General Notes for additional information

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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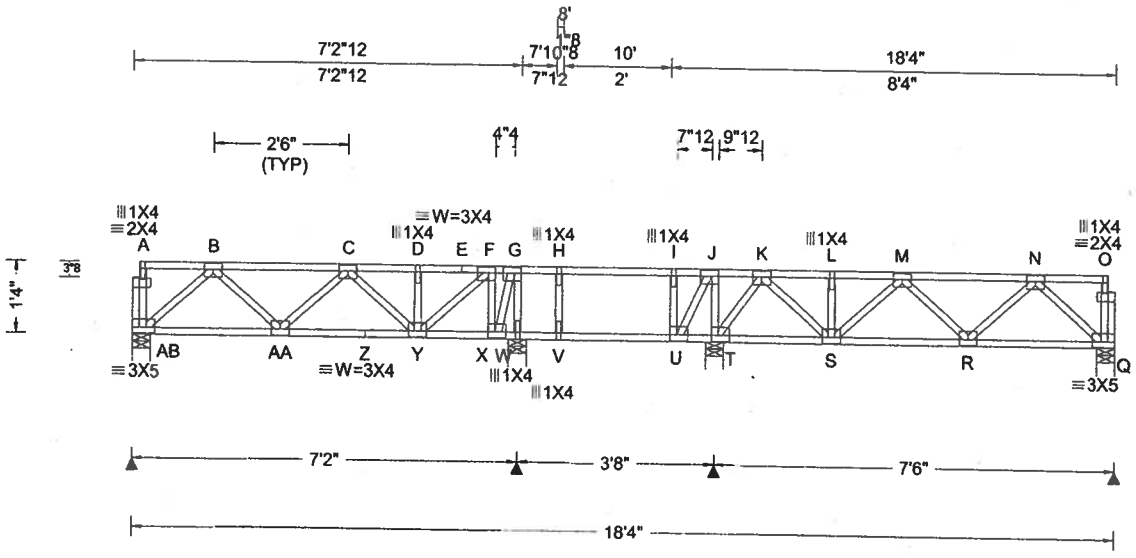
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 553980 SY42 FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3262F /McFatter /LITTLE & WILLIAMS **Truss Label:** F11		Cust: R 215 JRef: 1WRR2150010 T8 DrwNo: 009.20.1522.37510 JB / YK 01/09/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	C	999	480
VERT(CL): 0.018	H	999	360
HORZ(LL): 0.004	Q	-	-
HORZ(TL): 0.005	Q	-	-

Creep Factor: 2.0
Max TC CSI: 0.307
Max BC CSI: 0.298
Max Web CSI: 0.210

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AB	354	/-	/-	/-	/-	/-
W	599	/-	/-	/-	/-	/-
T	686	/-	/-	/-	/-	/-
Q	367	/-	/-	/-	/-	/-

AB Brg Width = 4.0 Min Req = 1.5
W Brg Width = 4.0 Min Req = 1.5
T Brg Width = 4.0 Min Req = 1.5
Q Brg Width = 4.0 Min Req = 1.5
Bearings AB, W, T, & Q are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-406	M - N	0	-433

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	457	0	S - R	497	0
Z - Y	457	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB- B	0	-443	K - S	412	0
Y - F	441	0	N - Q	0	-462
T - K	0	-484			

Lumber
Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Plating Notes
All plates are 3X4 except as noted.

Additional Notes
Refer to General Notes for additional information
See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.

YOONHWAK KIM LICENSE No. 86367 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL REG# 278, Yoonhwak Kim, FL PE #86367
01/09/2020

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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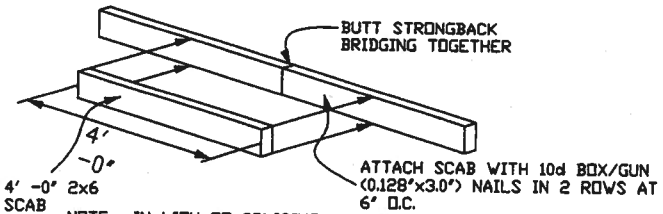
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

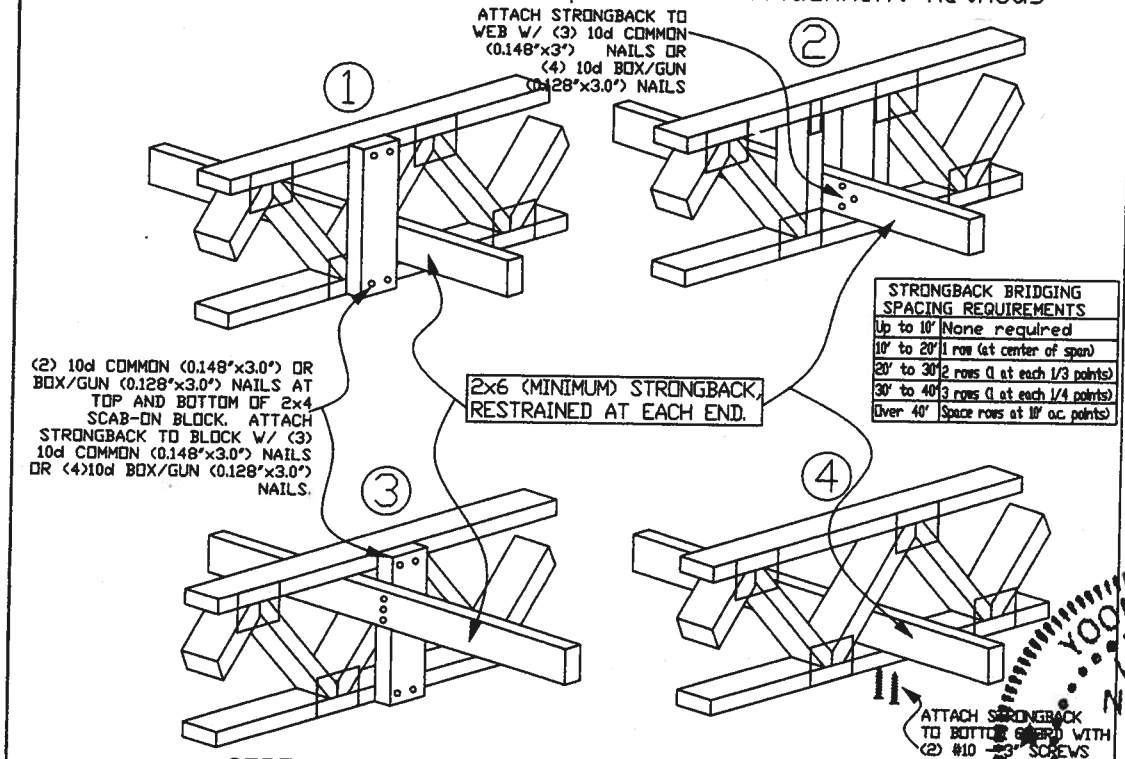
STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING SPACING REQUIREMENTS	
Up to 10'	None required
10' to 20'	1 row (at center of span)
20' to 30'	2 rows (1 at each 1/3 points)
30' to 40'	3 rows (1 at each 1/4 points)
Over 40'	Space rows at 10' o.c. points)

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)
- The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

YOONHWAK KIM LICENSE No. 86367 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

TC LL	PSF	REF STRONGBACK
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG STRBRIBR1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.	1.00	
SPACING		

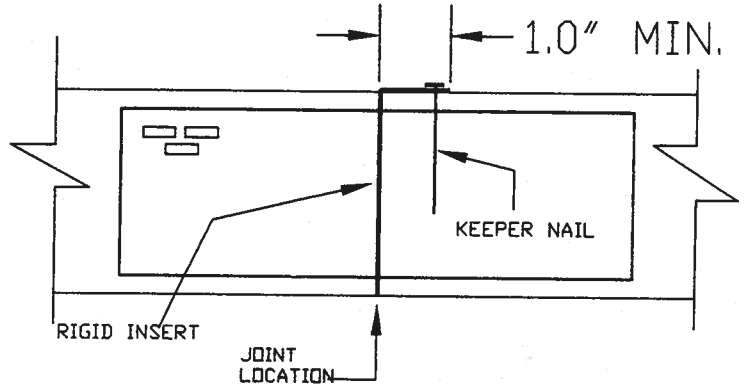
01/09/2020
FL REG# 278, Yoonhwak Kim, FL PE #86367

RIGID INSERT DETAIL - REINFORCEMENT FOR HIGH STRESS COMPRESSION JOINTS.

THIS DETAIL IS TO BE USED WHEN STRESS AT A COMPRESSION SPLICE EXCEEDS 75% OF THE ALLOWABLE COMPRESSION STRESS PER TPI 1 SECTION 7.3.9.2

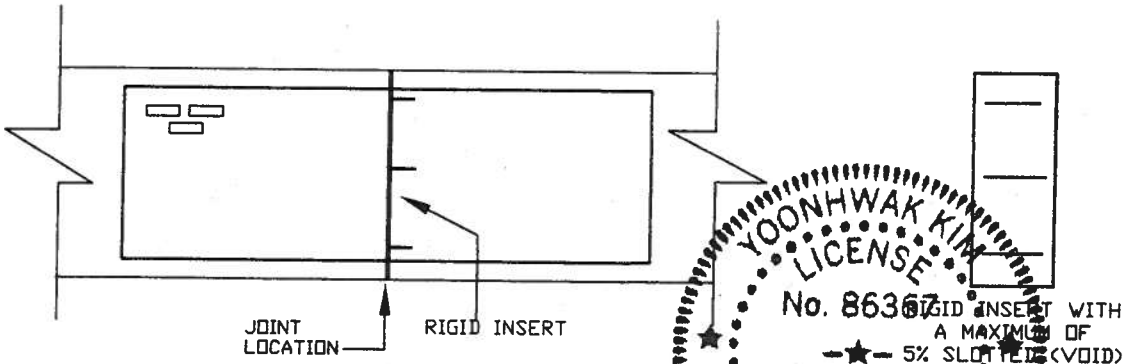
OPTION #1:

APPLY A 20 GAGE MINIMUM METAL INSERT BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. BEND RIGID INSERT OVER THE TOP OR BOTTOM OF THE COMPRESSION MEMBER A MINIMUM OF 1" AND SECURE IN PLACE WITH A KEEPER NAIL. KEEPER NAIL IS TO BE SIZED AND SPACED TO AVOID SPLITTING OF THE LUMBER.



OPTION #2:

APPLY A 20 GAGE MINIMUM METAL INSERT WITH SLOTTED TEETH BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. HAMMER RIGID INSERT SECURELY IN PLACE AND FLUSH WITH BUTTED END.



YOONHWAK KIM
LICENSE
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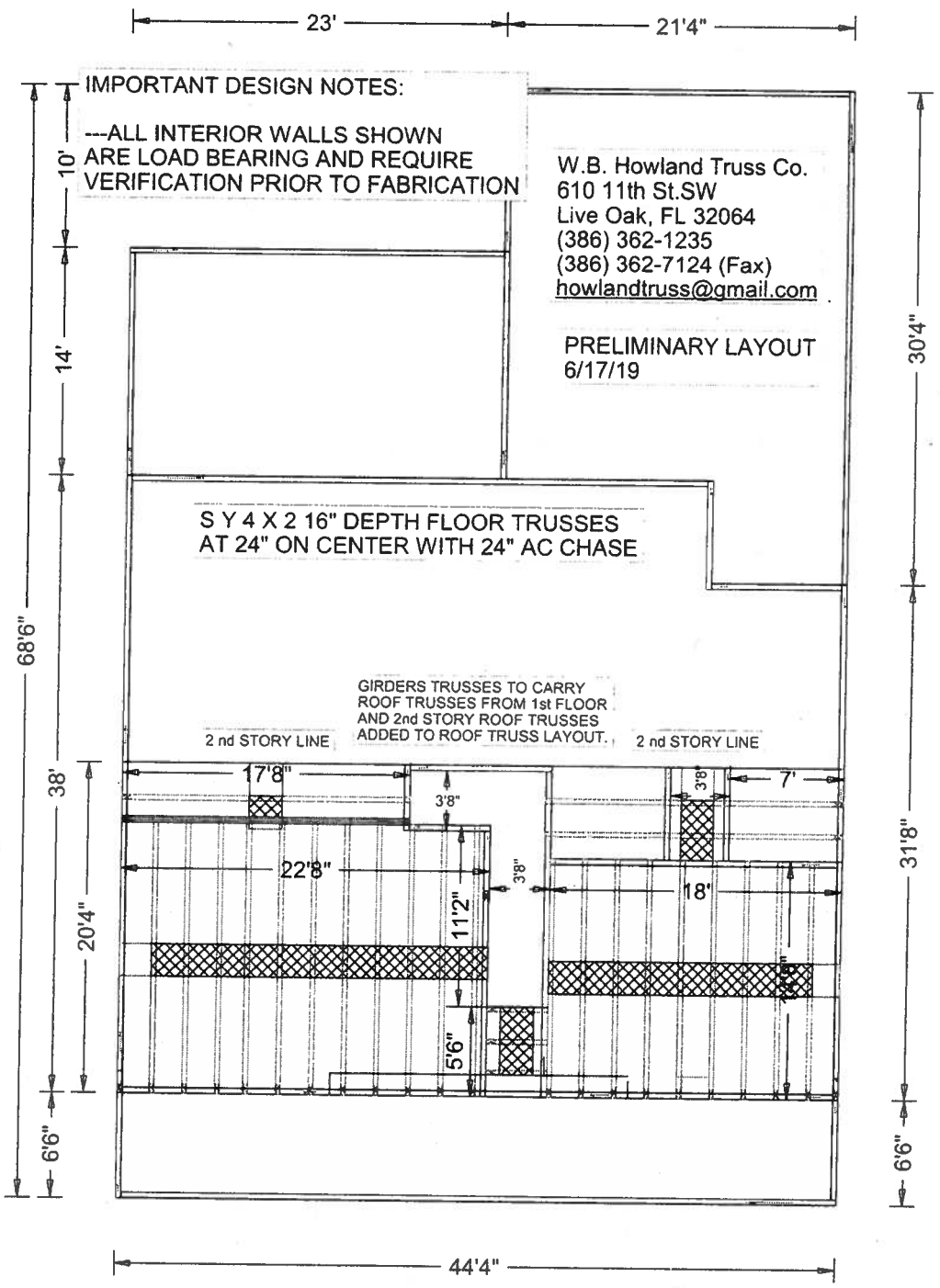
TC LL	PSF	REF RIGID INSERT
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG RIGINSRT1014
BC LL	PSF	
TOT. L.D.	PSF	
DUR. FAC.		
SPACING		

01/09/2020
FL REG# 278, Yoonhwak Kim, FL PE #86367



JOB #: 19-3262F

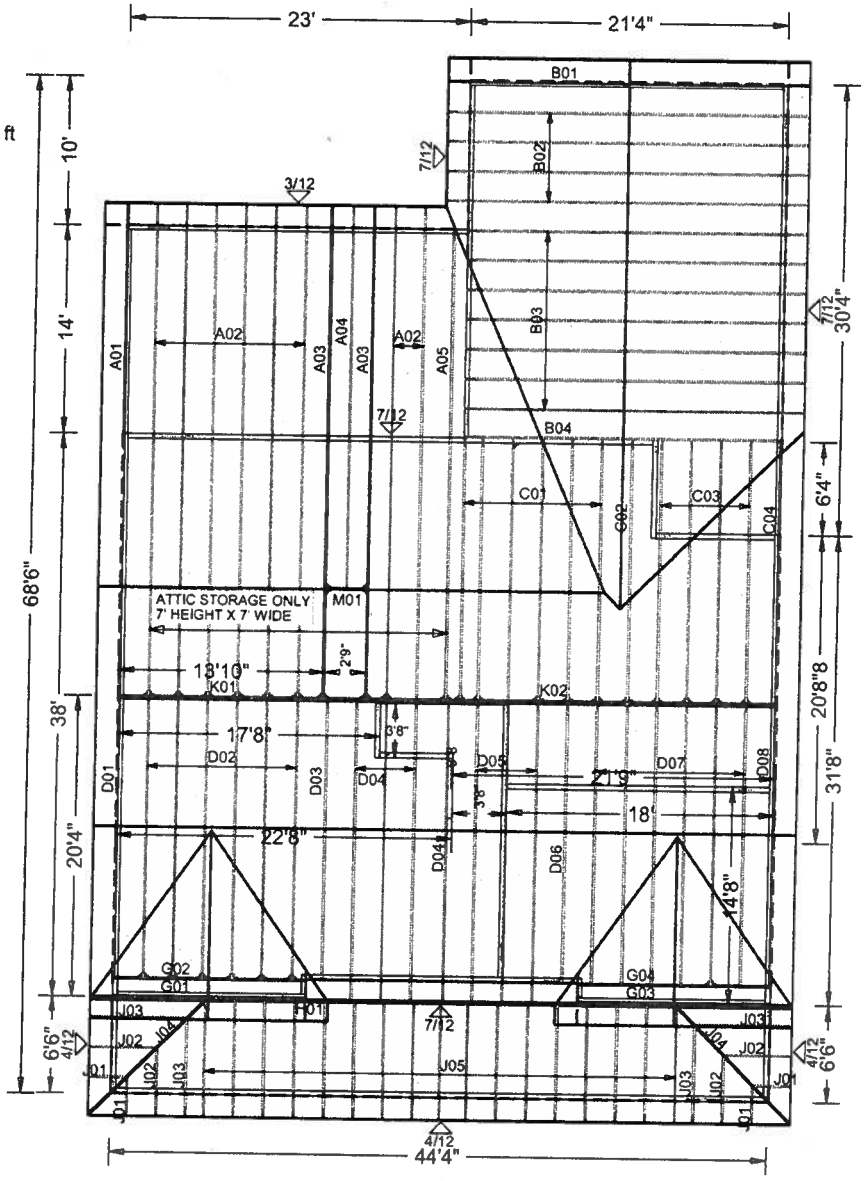
Job Name: McFatter
Customer: LITTLE & WILLIAMS
Designer: Lynn Bell
ADDRESS:
SALESMAN: RL
: <Not Found>

JOB NO:
19-3262F

PAGE NO:
1 OF 1

Roof Plane Sheathing Area = 3636 sq. ft
Gable Sheathing Area = 549 sq. ft
Total Sheathing Area = 4184 sq. ft
Fascia Material = 297 linear ft
Valley Flashing Material = 111 linear ft
Ridge Cap Material = 144 linear ft
Hip Ridge Material = 42 linear ft

Total Material Cost: $ 0.00
Total Labor Cost: $ 0.00



W.B. Howland Truss Co.
610 11th St.SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail.com

ROOF PITCH:3/12, 4/12, 7/12, 10/12

CLG PITCH:FLAT THROUGHOUT

OVERHANG:18" PLUMB CUT

LOADING:40 PSF

WIND LOAD:130 MPH

EXPOSURE:"C"

EXT WALLS:2 X 4

DATE:6/14/19

IMPORTANT DESIGN NOTES:

---GIRDER / WALL GIRDER BROKEN INTO TWO PIECES DUE TO SPAN

JOB #: 19-3262

Job Name: McFatter
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Designer: Lynn Bell
ADDRESS:
SALESMAN: RL
: <Not Found>

JOB NO:
19-3262